ACCESSION: 137442
ACCESSION: 194292
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ACCESSION: AR1312774 ACCESSION: 161731 ACCESSION: AX495997 ACCESSION: AX633252 ACCESSION: AX633254 ACCESSION: AX633257 ACCESSION: AX636036 ACCESSION: AX636255 ACCESSION: AX137013 ACCESSION: AX328534 ACCESSION: AX377344 ACCESSION: AX636743 ACCESSION: AX742573 ACCESSION: AR113460 ACCESSION: AR113951 ACCESSION: AR113953 ACCESSION:AR113956 ACCESSION:I57867 ACCESSION:I61542 ACCESSION: AR056195 ACCESSION: ACCESSION: ACCESSION: ACCESSION: ACCESSION

| <pre>source 138    /organism="synthetic construct"    /mol_type="genomic DNA"    /db_xref="taxon:32630"</pre> | Query Match 8.3%; Score 33.2; DB 1; Length 38;<br>Best Local Similarity 92.1%; Pred. No. 0.14;<br>Matches 35; Conservative 0; Mismatches 3; Indels 0; Gaps 0; | Qy 526 TITCCCAACATCTTGTTCTTAGGCCTCCCCAGGGAG 563   | RESULT 2 AR031983/c LOCUS AR081983 DEFINITION Sequence 16 from patent US 5972677. ACCESSION AR081983 VERSION AR081983 GI:10008709                                     | Unknown.  Muchassified.  Unclassified.  I (bases 1 to 22)  S Tischfield, J.A. and Seilhamer, J.J.  Mammalian phospholipase A. sub. 2 nucleotide sequences leight amino acid sequences encoded thereby antisense | outleotide sequences having internal ribosome binding sites JOURNAL Patent: US 5972677-A 16 26-OCT-1999; FEATURES Location/Qualifiers 122 /organism="unknown" /mol_type="unassigned DNA" | Query Match 5.5%; Score 22; DB 1; Length 22; Best Local Similarity 100.0%; Pred. No. 5.6; Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0; | QY         522 AIACTITCCCAACATCCTCTGC 543           Db         22 AIACTITCCCAACATCCTCTGC 1 | RESULT 3 AR198379/c LOCUS LOCUS DEFINITION Sequence 16 from patent US 6352849. ACCESSION AR198379 VERSION AR198379 ACCESSION AR198379 ACCESSION AR198379 ACCESSION AR198379 ACCESSION AR198379.1 GI:20248228 KEYWORDS AR198379.1 GI:20248228 | NISM<br>NCE<br>ORS  |  | 122<br>/organism="unknown"<br>/mol_type="unassigned DNA"  | Query Match 5.5%; Score 22; DB 1; Length 22; Best Local Similarity 100.0%; Pred. No. 5.6; Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0; | Qy         522         ATACTTTCCCAACATCCTCTGC         543           Db         22         ATACTTTCCCAACATCCTCTGC         1 |
|---|---|---|---|---|--|---|--|--|---|--|---|---|--|
| ACCESSION: BD184426 ACCESSION: BD208314 ACCESSION: E39139 ACCESSION: E39139                                   | ACCESSION: #A328993 ACCESSION: AR326479 ACCESSION: AX011282 ACCESSION: AX01280  | ACCESSION: AX741135 ACCESSION: AX741135 ACCESSION: AX741140 ACCESSION: BD225192 ACCESSION: BD225194 | ACCESSION: AXA \$133 9 ACCESSION: AX7 \$233 9 ACCESSION: AR002257 ACCESSION: AR032560 ACCESSION: AR042207 ACCESSION: AR051238 ACCESSION: AR051238 ACCESSION: AR051238 | ACCESSION: E27541<br>ACCESSION: E27541<br>ACCESSION: 116032<br>ACCESSION: 128367<br>ACCESSION: AR211607<br>ACCESSION: AR221633<br>ACCESSION: AR224133   | ACCESSION.AR237744 ACCESSION.AR1333254 ACCESSION.AX173374 ACCESSION.AX23374 ACCESSION.AX352598 ACCESSION.BD078828  | ACCESSION BD089150<br>ACCESSION: AJ524874<br>ACCESSION: AB069093  | 10   | DNA linear PAT 18-MAR-2003   | nasaki, K.  | 72;<br>TAKASHI ONO,KATSUTOSHI YAMADA,  | FF 19-MAR-2002 WO 2002JP002585 PR 19-MAR-2001 JP 01P 078569, 28-DEC-2001 JP 01P 401289 PI AKTHIKO SAGA, TAKASHI ONO, KATSUTOSHI YAMADA, KOJI HAMASAKI PC AKTHIKO SAGA, TAKASHI ONO, SATSUTOSHI YAMADA, KOJI HAMASAKI PC | 1297.00, NO. 17. 17. 17. 17. 17. 17. 17. 17. 17. 17   | .ifiers<br>tificial Sequence'.   |
| нннн  | 4   |   | на а а а а а а  | 16 1 E27541<br>16 1 116032<br>16 1 128367<br>16 1 AR211607<br>16 1 AR221607<br>16 1 AR234134  |  | ннн   | ALIGNMENTS   | 38 bp for arteriosclerosis. 1 GI:29122524 42-A/2. construct  | artificial sequences.  1 (bases I to 38) Saiga, A. Saiga, A., Ono,T., Yamada, K. and Hanasaki, K. Remedies for arteriosclerosis | tt: WO 020/4342-A 2 26-SEP-200<br>GCGI AND CO LTD,AKTHIKO SAIGA,<br>HANASAKI<br>Artificial Sequence<br>WO 02074342-A/2 | 2002 WO 2002JP002585<br>2001 JP 01P 078569,2<br>A, TAKASHI ONO, KATSUTOS  | //04,C07D471/04//C07D2C<br>of Artificial Sequence   | Location/Qualifiers ce 138 /organism='Artificial Location/Onalifiers   |
| 4.  | 4.  | . 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4   | 10000000  | 111122238   | N N N N N N N  | 000   |  | 12/c BD176812  |   | NAL PACENC: WO 02 SHIONOGI AND KOJI HANASAKI T OS Artifici PN WO 02074   | PF 19-MAR-2002 PR 19-MAR-2001 AKIHIKO SAIGA, TAI A61K45/00 A61K3  | 00,A61P9/10,<br>PC C07D487<br>Description   | FH Key FT source FT Loc  |

RESULT 1
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Sequence 10 from Patent WO9911778.
A98535.
A98535.1 GI:6781621
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JP 2002511239-A/61.
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Matches 20; Conservative
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                                           PAT 27-AUG-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
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Submitted (04-MG-2001) Akira Horii, Tohoku University School of
Submitted (04-MG-2001) Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8975, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                               Artificial Sequence
JP 2001321190-A/343
20-NOV-2001
12-MAR SOBDA
BIICHI SOBDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
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A method of arraying genome clone
Patent: JP 2001321190-A 343 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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organism='Artificial Sequence'
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Pred. No. 11;
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/organism="synthetic construct"
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Genomics 74 (1), 55-70 (2001)
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                                                                                    BD088099.1 GI:22633709
JP 2001321190-A/343.
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Horii, A.
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AB067850
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                                                 1. .20
/note="forward primer for human STS sts-stSG1697 at 1p36
sts-stSG1697 obtained from clones B83K22, B47P3, B43B2,
B123D13, B290B2, B82D16, Human BAC library RPCI-11"
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C12N1/15,A61K45/00,A61P43/00,A61P43/00,C12N1/19,C12N1/21 PC
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100.0%; Pred. No. 11;
tive 0; Mismatches 0; Indels
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Regulated target expression for screening.
Key
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unclassified.

I (base 1 to 24)
Trias, J., Young, D. and Rosenow, C.
Regulated target expression for screening
Patent: JP 2002511239-A 61 16-APR-2002;
OS Unknown
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Regulated target expression for screening
BD211038
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Erinkmann, U. and Hoffmeyer, S.
Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
Patent: WO 0224747-A 46 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryoja, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L. Gene disruption methodologies for drug target discovery Patent: WO 02053728-A 4849 11-JUL-2002; Blitra Pharmaceuticals, Inc. (US)
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Pred. No. 54;
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Pred. No. 68;
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Sequence 46 from Patent WO0224747.
AX404220
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                                             AX404220.1 GI:21437501
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Best Local Similarity 89.5%;
Matches 17; Conservative (
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Homo sapiens
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                                                                                  synthetic construct
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Candida albicans
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AX487549/c
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Antiense remedy of pulmonary hypertension
By Patent: JP 2001515011-A/10
OS Ratus norvegicus (rat)
PN T2 2001515011-A/10
DD 18-SEP-1994 DB 200058789
PR 0-SEP-1997 DB 9718487.3
PP 0-SEP-1997 DB 9718487.3
PI TIMOTHY HIGENBOTTAM, KEITH MCCORMACK, ADRIAN SMITH PC
AGIN31/708, AGIM11/00, AGIM15/00, AGIP3/06, C12N15/09, C12N15/00 CC
Strandedness: Single:
CC Topology: Linear;
CC Antisense remedy of pulmonary hypertension
FH Key Location/Qualifiers
FT Source /organism='Rattus norvegicus (rat)'.
FT
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JP 2001515011-A/10.
Rattus norvegicus (Norway rat)
Rattus norvegicus (Accedata, Craniata, Vertebrata, Euteleostomi,
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae,
               Rattus norvegicus (Norway rat)
Rattus norvegicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae;
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Higenbottam, T. and Mccormack, K.
ANTISENSE TREATMENT OF PULMONARY HYPERTENSION
BEACH: WO 9911778-A 10 11-MAR-1999,
HIGENBOTTAM TIMOTHY (GB); MCCORMACK KEITH (GB)
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Antisense remedy of pulmonary hypertension.
BD080757
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/organism="Rattus norvegicus"
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/organism="Rattus norvegicus"
/mol_type="unassigned DNA"
/db_xref="taxon:10116"
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Pred. No. 46;
0; Mismatches
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I Similarity 94.4%; Pred. No. 46;
17; Conservative 0; Mismatches
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/db_xref="taxon:10116"
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

RESULT 8 BD080757

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AUTHORS REFERENCE

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1 (bases 1 to 20)

(Griffals,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,J.D.

Chlamydia pneumoniae polynucleotides and uses thereof

Patent: US 6559294-A 5931 06-WAY-2003;
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                                                                                                                                                                                                                                    Up 2002507883-A/102.
synthetic construct
synthetic construct
artificial sequences.

[ (bases 1 to 19)
KOSTER, H. Little, D.P., Braun, A., Lough, D.M., Xiang, G.,
Boom, D.V.D., Jurinke, C. and Rupert, A.
Brent: JP 2002507883-A 102 12-MAR-2002;
SEQUENOM INC.
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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US 6559294.
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Best Local Similarity 94.1%; Pred. No. 68;
Matches 16; Conservative 0; Mismatches
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PD J2-MAR-2002
PF 06-NOV-1997 JP 1998521832
PR 06-NOV-1996 US 08/744611
PR 06-NOV-1996 US 08/746055, 06-NOV-1997 US 08/766055, 06-NOV-1997 US 08/786998, 23-JZ
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CC Strandedness: Single;
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BD132170/c
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3.9%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches 1;
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 6172 25-MAR-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            19 bp DN. Sequence 6172 from patent US 6537751. AR294437.1 GI:31681721
              Human posh-like protein 1
Patent: BP 1239051-A 1116 11-SEP-2002;
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                            3.9%; Score 15.4; D
94.1%; Pred. No. 53;
tve 0; Mismatches
                                                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/wol_type="genomic DNA"
                                                                        Aeomica, Inc. (US)
Location/Qualifiers
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16; Conservative
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Query Match
Best Local Similarity 94.1%;
Matches 16; Conservative
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AR294437/c
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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction Patent: WO 0179548-A 5072 25-0CT-2001, CORNELL RESEARCH FOUNDATION, INC. (US)
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3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 3; Indels
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/mol_type="unassigned DNA"
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/note="Hypothetical Probe Sequence"
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Weiner,A.J. and Houghton,M.
Immunoreactive polypeptide compositions
Patent: US 5670153-A 1 23-SEP-1997;
Location/Qualifiers
Weiner, A.J. and Houghton, M.
Immunoreactive polypeptide compositions
Patent: US 5670152-A 1 23-SEP-1997;
Location/Qualifiers
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Sequence 5072 from Patent WO0179548.
AX293310
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Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches
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Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches
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/wol_type="unassigned DNA"
                                                                                    /mol_type="unassigned DNA"
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Sequence 1 from patent US 5670153.
166207
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3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 3; Indels
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Weiner,A.J. and Houghton,M.
Immunoreactive polypeptide compositions
Patent: US 6303292-A 1 16-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                          1 (bases 1 to 20)
Weiner,A.J. and Houghton,W.
Immunoreactive polypeptide compositions
Patent: US 5756312-A 1 26-WAY-1998;
Location/Qualifiers
                                                                                                                                  DNA
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/organism="unknown"
/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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Sequence 1 from patent US 6303292.
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Sequence 1 from patent US 5756312.
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                           728 CIGGICATAGGACTIGG 744
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AR009520.1 GI:3968325
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1 (bases 1 to 20)
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AR172132/c
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1 (bases 1 to 21)
Beck,J.Joseph.
Detection of wheat and barley fungal pathogens using the polymerase
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                                                                                                                                                                                                                                                                        unidentified
unidentified
unidentified
unidassified.

1 (bases 1 to 20)
S Weiner,A.U. and Houghton,M.
S Weiner,A.U. and Houghton,M.
L Patent: JP 2002167336-A 1 11-JUN-2002;
CHIRON CORE
DO Unidentified
N JP 2002167336-A/1
PD 11-JUN-2001
PP 07 200216736-A/1
PP 11-JUN-2001
PP 13-SEP-1991 US
PR 13-SEP-1991 US
PR 13-SEP-1991 US
PR 3-SEP-1991 US
PC A61K39/29,A61P31/12,C07K14/18,C07K16/10,C12N1/15,C12N1/19, PC
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                                                                                                                      20 bp DNA linear PAT 17
Immunoreactive hepatitis C virus polypeptide compositions.
BD165772
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Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 3; Indels
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Pred. No. 80;
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Patent: US 6358680-A 28 19-MAR-2002;
Location/Qualifiers
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Sequence 28 from patent US 6358680.
AR200639
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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85.0%;
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JP 2002167336-A/1.
unidentified
869 GGAACACTTTCCTGAGATGC
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AR200639
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BD165772/c
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JP 2001321190-A/2104
20-NOV-2001
12_MMR-2001
BICHI SOEDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
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                                                                                                                           PAT 25-JUN-2003
                                                                                                                                                                                                                                                                                                                                        Otte, A.P. and Kruckeberg, A.L.

Otte, A.P. and Kruckeberg, A.L.

Dna sequences comprising gene transcription regulatory qualities
and methods for detecting and using such dna sequences
and methods for detecting and using such dna sequences
Patent: WO 03004704 167 16-JAN-2003;
Chromagenics B.V. (NL)
Location/Qualifiers
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Patent: JP 2001321190-A 2104 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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Location/Qualifiers
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/mol type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 74;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/mol_eretexon:32630"
/note="oligonucleotide E21"
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85.0%; Pred. No. /-,
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A method of arraying genome clone. BD089860
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    AX764697.1 GI:32258905
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synthetic construct
artificial sequences.
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Patent: US 5811300-A 9 22-SEP-1998;
Location/Qualifiers
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Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J. TNF-, alpha. riboxyma. ri
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                                     DB 1;
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88.9%; Pred. No. 73;
tive 0; Mismatches
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/wol_type="unassigned DNA"
                                   ; Score 15.2; DE; pred. No. 80; 0; Mismatches
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88.9%; Pred. No. 73;
tive 0; Mismatches
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Sequence 9 from patent US 5811300.
AR041219
AR041219.1 GI:5961715
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5811300.
/db_xref="taxon:32630"
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Sequence 7 from patent US
AR041217
AR041217.1 GI:5961713
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Best Local Similarity 88.9
Matches 16; Conservative
                                          Query Match
Best Local Similarity 85.03
Matches 17; Conservative
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Matches 16; Conserv
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AR042362/c
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AR041219/c
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AR041217/c
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Prostate-specific polynucleotides, polypeptides and their methods
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C12XN15/09,C12Q1/68,
Description of Artificial Sequence: primer JB676 FH
Location/Qualifiers
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/bound_moiety="ARSDR1 PCR primer 6A4N2"
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Patent: JP 2002504347-A 28 12-FEB-2002;
NOVARTIS ARTHIGIAL Sequence
OS ARTHIGIAL Sequence
PN JP 2002504347-A/28
PD 12-FEB-2002
PP 12-FEB-1999 JP 2000532549
PR 20-FEB-1999 US 09/026601
PR JOAES JOSEPH BECK
PC GLN15/09,012Q1/68,C12N15/00
PC DESCRIPTION OF ARTHIGIAL Sequence: I

    .21
/organism="synthetic construct"
/mol_type="genomic DNA"

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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texon:25630"
/note="PCR Primer"
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                    Mismatches
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Sequence 19 from Patent W00065067.
AX041989.1 GI:11340752
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Pred. No. 80
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JP 2002504347-A/28.
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artificial sequences.
1 (bases 1 to 21)
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Best Local Similarity 85.0°
Matches 17; Conservative
                        17; Conservative
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AX041989/c
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BD137914
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PAT 15-MAY-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Kaswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
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                                                                                                                                                                                         Unknown.
Unclassified.
1 (Dassified.
1 (Dasses i to 18)
Letsinger, R. Lewis. and Gryaznov, S.M.
Method for covalently linking adjacent oligonucleotides
Patent: US 5681943-A 3 28-OCT-1997;
Location/Qualifiers
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88.9%; Pred. No. 73;
tive 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4955 from Patent EP1260586. AX637816
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                      /mol_type="unassigned DNA"
                                                                                                  171535
Sequence 3 from patent US 5681943.
171535
840 TCTCTGAAGACAGCGTCC 857
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                   18 TGTCTGAAGACAGCTTCC
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Best Local Similarity 88.33,
--hes 16; Conservative
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AX637816/c
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                                                        1 (bases 1 to 18)
Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J.
TNF-.alpha. ribozyno.A 1152 22-SEP-1998;
Location/Qualifiers
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                                                                                                                                                                                       Length 18;
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88.9%; Pred. No. 73;
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1 (bases 1 to 18)
Chowrira, B. and McSwiggen, J.
Hairpin ribozymes
Patent: US 5837055-A 25 17-NOV-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unclassified.
1 (bases 1 to 18)
Chowrira,B. and McSwiggen,J.
Hairpin ribozymes
Patent: US 5837855-A 27 17-NOV-1998;
                                                                                                                               1. .18
/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                            18 bp
Sequence 25 from patent US 5837855.
AR059170.
AR059170.1 GI:5984747
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AR059172
AR059172.1 GI:5984749
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/organism="unknown"
/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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Best Local Similarity 88.9
Matches 16; Conservative
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AR059170/c
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Ashkenazi, A.J., Goddard, A., Godowski, P.J., Gurney, A.L., Hillan, K.J., Marsters, S.A., Pan, J., Pitti, R.M., Roy, M.A., Smith, V., Stone, D.M., Watanabe, C.K. and Wood, W.I. Compositions and methods for the treatment of tumour Patent: WO 0153486-A 214 26-JUL-2001; Genentech, Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                  PAT 30-AUG-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PAT 26-SEP-2002
       A GENE CALLED XLIS AND THE XLIS GENE PRODUCT, CALLED DOUBLECORTIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  A virus causing respiratory tract illness in susceptible mammals Patent: WO 02057302-A 23 25-JUL-2002; Viroclinics B.V. (NL)
Location/Qualifiers
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                      AND THEIR PREPARATIONS
PATENT: WO 9927089-A 66 03-JUN-1999;
INST NAT SANTE RECH MED (FR); FRANCIS FIONA (FR)
Location/Qualifiers
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    /organism="synthetic construct"
/mol_type="unassigned DNA"
    /db_xref="taxon:32630"

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/mol_type="unassigned DNA"
/db xref="taxon:32630"
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Pred. No. 86;
0; Mismatches
                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                         20 bp
Sequence 214 from Patent W00153486.
AX201535
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
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AX201535
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(base 1 to 20)

(kahn, A. and Chelly, J.

A gene called XLIS and the XLIS gene product, called doublecortin and their applications

and their applications

Patent: FP 0918091-A 66 26-MAY-1999;

INST NAT SANTE RECH MED (FR)
                                                                   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 20)
Francis, F. and Kahn, A.
                                                                                                                                      Ribozyme therapy for the treatment of proliferative skin and eye diseases
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                                                                                                                                                                                                                                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cyclin G1 ribozyme binding site"
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Pred. No. 86;
0; Mismatches 2;
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IMMUSOL, INC. (US)
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88.9%; Pred. No. 80;
iive 0; Mismatches
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/db_xref="taxon:9606"
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Sequence 66 from Patent EP0918091.
A81014
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Sequence 66 from Patent WO9927089.
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/organism="Homo gapiens"
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Location/Qualifiers
                                                                                                                  Robbins, J.M. and Tritz, R.
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BD089550/c LOCUS

RESULT 39

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/note="reverse primer for human STS sts-stSG3454 at 1p36 sts-stSG3454 obtained from clones B6211, B93U5, B68F1, B8BEB, B311M18, B109A8, B153L4, B319H19, Human BAC library RPCI-11"
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                                                                  Direct Submission
Submitted (04-Aug-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (B-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6537751-A 4342 25-WAR-2003;
Location/Qualifiers
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Pred. No. 86;
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Patent: BP 1239051-A 1115 11-SEP-2002;
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88.9%; Pred. No. 93;
ive 0; Mismatches
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
1. .20
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/mol_type="genomic DNA"
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1 Similarity 88.9%;
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Matches 16; Conservative
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Matches 16; Conserv
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                                                       Horii, A.
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17 2001321190-A/1794
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
C12N15/09,C12N15/09,C12N1/00,C12Q1/68,G01N33/53,G01N33/566, PC
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Synthetic construct DNA, reverse primer for human STS sts-stSG3454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizuahima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A. and Soeda,E.
A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
                                                                Gaps
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Patent: JP 2001321190-A 1794 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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Description of Artificial Sequence:Synthetic DNA
Location/Qualifiers
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                           Score 14.8; DE
Pred. No. 86;
0; Mismatches
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Pred. No. 86;
0; Mismatches
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/note="primer L7"
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JP 2001321190-A/1794.
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PAT 17-JUL-2003
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00,A61P1/16,
A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
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                                                                                                                                                                                                                                   BD228243.1 GI:33038013
JP 2002526125-A/446.
SM Synthetic construct
SM Synthetic construct
artificial sequences.
E 1 (bases 1 to 20)
S Baker, B.F., Bennett, F.C., Butler, M.M. and Ur, W.J.S.
Antisense oligonucleotide regulation of expression of tumor necrosis factor-alpha (TNF-alpha)
L Patent: UP 2002526125-A 446 20-AUG-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN UP 20022626125-A/446
PD 20-AUG-2002
PF 05-OCT-1999 UP 2000574737
PR 05-OCT-1999 US 09/166186, 18-MAY-1999 US 09/313932 PI
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Antisense oligonucleotide regulation of expression of tumor necrosis factor-alpha (TNF-alpha).
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/organism='Artificial Sequence'
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3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 2 from patent US 5219727.
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/wol_type="genomic DNA"
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AR363534.1 GI:34425354
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                    CTCCTACCAGACCAAG
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Unclassified.
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Best Local Similarity
Matches 15; Conserv
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                                                                                             RESULT 45
BD228243/c
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AR363534/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unklow...
Unclassified.
1 (bases 1 to 20)
Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
Antisense oligomucleotide modulation of tumor necrosis
factor-(.alpha.) (TNP-alpha.) expression
Fatent: US 6228642-A 446 08-WAY-2001;
Location/Qualifiers
                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                            1; Indels
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                                                                                                                                                                        3.6%; Score 14.4; DB 1;
93.8%; Pred. No. 78;
ive 0; Mismatches 1;
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Human posh-like protein 1
Patent: EP 1239051-A 1117 11-SEP-2002;
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1117 from Patent EP1239051. AX531608
                                                 1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AR150370 20 bp DR Sequence 446 from patent US 6228642. AR150370 AR150370.1 GI:15114961
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93.8%; Pred. No. 78;
tive 0; Mismatches
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
                       Location/Qualifiers
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                                                                                                                                                                                                                                                                     744 GIAGGICCCAGGGIC 759
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Best Local Similarity 93.8
Matches 15; Conservative
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Best Local S:
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AR150370/c
LOCUS
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AX531608
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JOURNAL
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A61K38/45, A61K48/00, A61P9/10, A61P41/00, C07K16/28, C12P21/08, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BD096317 20 bp DNA linear PAT 27-AUG-2002 Cells capable of differentiating into myocardial cells.
                                                                                                 C1201/02,
C1201/48,GOIN33/577
C Description of Artificial Sequence: artificially synthesized
C primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WO 0148151-A/42.
Synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Umezawa,A., Hata,J., Fukuda,K., Ogawa,S., Sakurada,K., Gojo,S. and
   PR 28-DEC-1999 JP 99P 372826, 28-FEB-2000 WO PCTJP0001446 PI AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA, PI KAZUHIRO SAKURADA, SATOSHI GOJO, XOJI YAMADA PO CILNE, O6, C12N5/10, C12N1S/09, A61K31/203, A61K35/28, A61K38/19,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C12N5/06,C12N5/08,C12P21/08,C12Q1/02,A61K35/28,A61K35/44,A61P9/ PC
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Description of Artificial Sequence: artificially synthesized
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PN W0 0148151-A/2
PN W0 0148151-A/2
PN 00 0148151-A/2
PP 05-UTL-2001
PR 28-DEC-2000 W0 2000JP009323
PR 28-DEC-1999 UP 99P 372826,28-FEB-2000 W0 PCTJP0001148 PR 02-NOV-2000 W0 PCTJP0007741
PI AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA,
                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                      Length 20;
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3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                  1; Indels
                                                                                                                                                                                                                                                                                                                                           Score 14.4; DB 1;
Pred. No. 1e+02;
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                                                                                                                                                                                                                                                             1. .20
/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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    .20
    /organism="synthetic construct"
/mol_type="genomic DNA"
    /db_xref="taxon:32630"

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Best Local Similarity 93.8
Matches 15; Conservative
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BD096317/c
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JOURNAL
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                                                                                                               Adult bone marrow-origin cell capable of differentiating into
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PF 28-FEB-2000 WO 2000JP001148

PF 28-DEC-1999 JP 99P 372826

PI AKIHIRO UMEZAWA, UNICHI HATA, KEIICHI FUKUDA, SATOSHI PI OGAWA, KAZUHIRO SAKURADA

PC 012N5/06, C12N5/06, A61K35/28, A61P41/00, A61K48/00, C07K16/18 CC Description of Artificial Sequence: artificially synthesized CC
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1 (bases 1 to 20)
Umezawa,A., Hata,J., Fukuda,K., Ogawa,S., Sakurada,K., Gojo,S. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The cell having the potentiality of differentiation into Patent: WO 0148150-A 42 05-UUL-2001;
RYGWA HAKKO KOGYO CO LID, AKIHIRO UMEZAWA, JUNICHI HATA, KELICHI SATOSHI OGAWA, KAZUHIRO SAKURADA, SATOSHI GOJO, YOJI YAMADA PN WO 0148150-A/42
PD 05-UUL-2001
PP 02-NOV-2000 WO 2000JP007741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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20 bp DNA linear PAT;
The cell having the potentiality of differentiation into
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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564 CICCICCAGACCAAG 579
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BD094775
BD094775.1 GI:22640363
WO 0148150-A/42.
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Synthetic construct
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                                                                                                                                                                                VERSION
KEYWORDS
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BD094775/c LOCUS DEFINITION

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PAT 27-AUG-2002
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JP 2001321190-A/1186
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
CIIZNIS/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 20)
Christgau, S., Kofod, L. Venke., Andersen, L. Nonboe., Kauppinen, S., Heldt. Hansen, H. Peter. and Dalboege, H.
Bizyme exhibiting mannanase activity
Patent: US 5795764-A 6 18-AUG-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Key
                                                                                                                                                                                                                                                                                  A method of arraying genome clone
Patent: JP 2001321190-A 1186 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             C12N15/00
Description of Artificial Sequence:Synthetic DNA FH
Location/Qualifiers
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Location/Qualifiers
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3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                 linear
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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                                                                                                                             A method of arraying genome clone. BD088942
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6 from patent US 5795764.
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              549 GGCCTCCCCAGCGAGCTCC 567
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     689 GCCACACTGTACCCTCCAG 707
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 GCCACACAGTACCCCACAG 19
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                                              19 GGCCTCCCGTGGGAGCTCC 1
                                                                                                                                                                          BD088942.1 GI:22634552 JP 2001321190-A/1186.
                                                                                                                                                                                                                     synthetic construct artificial sequences. 1 (bases 1 to 19)
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                                                                                                                                                                                                        synthetic construct
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Best Local Similarity 84.29
Matches 16; Conservative
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Unclassified.
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OS Artif
PN JP 20
PD 20-NO
PF 12-MA
PI EIICH
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ACCESSION
VERSION
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ORGANISM
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                                                                                         RESULT 52
BD088942
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AUTHORS
TITLE
JOURNAL
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JOURNAL
FEATURES
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NARCIS OKRABI, SUZAN WRIGHTMAN, PETER ADAMSON
C12N15/09,C12Q1/68,G01N33/50,C12N15/00
Primers used to amplify a highly conserved gene sequence in
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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Pred. No. 1e+02;
0; Mismatches 3; Indels
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                                                                                                                                                                                                                   unclassified.

1 (bases 1 to 19)
Adamson, P. and Lightman, S.
DIAGNOSIS OF OCULAR PATHOGENS
EACHT: NO 9913104-A 29 18-MAR-1999,
INST OF OPHTHALMOLOGY (GB), ADAMSON PETER (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Synthetic construct
synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 19)
Okrabi,N., Wrightman,S. and Adamson,P.
Diagnosis of eye pathogen
Patent: UP 2001515732-A 29 25-SEP-2001;
ON Artificial Sequence
No Artificial Sequence
No Artificial Sequence
No Artificial Sequence
No Astribicial Sequence
CI2N15/09.C12Q1/68,G01N33/50,C12N15/0
CC Primers used to amplify a highly cons.
CC Primers and Acanthamoeba pathogens
                                                                                                                  DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DNA
                                                                                                                                                                                                                                                                                                                                                 organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                             Sequence 29 from Patent WO9913104.
A98276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              19 bp
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BD075016
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JP 2001515732-A/29.
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597 CTACAACACAGAGTAC
                          19 CTACAACACAGATTAC
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                                                                                                                                                                                                          unidentified
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Best Local Similarity
Matches 16; Conserva
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Best Local Similarity
Las 16; Conserv?
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                                                                                                                        DEFINITION
                                                                          RESULT 50
A98276/c
LOCUS
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DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
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VERSION
KEYWORDS
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BD075016/c
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17-AUG-1999 US 60/120680,23-APR-1999 US 09/298733 PR 17-AUG-1999 US 60/155686 PR 01-60CT-1999 US 60/155686 PR 01-60CT-1999 US 60/157247,22-NOV-1999 US 60/157823 PR 29-NOV-1999 US 60/157247,22-NOV-1999 US 60/157823 PR 29-NOV-1999 US 60/157247,22-NOV-1999 US 60/167823 PR 29-NOV-1999 US 60/167821 PR DARIO VALENZELEA,OLIVE YUAN, HBIDI HOFFNAN, UBFF HALL, PETER PI RAPIEJKO PC C12N15/09,A61R38/00,A61P3/10,A61P2/14,A61P21/00,A61P21/10,A61P21/12,PC A61P21/12,PC A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/12,A61P21/1
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/organism='Artificial Sequence'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 20;
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1 (bases 1 to 20)
Marcotte, P.A. and Cowsert, L.M.
Antisense modulation of hepsin expression
Patent: US 6423543-A 13 23-JUL-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3.6%; Score 14.2; DB 1;
84.2%; Pred. No. 1.1e+02;
tive 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
               Patent: JP 2002536973-A 37 05-NOV-2002;
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Sequence 13 from patent US 6423543.
AR220148
AR220148.1 GI:23324591
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                                                      Artificial Sequence
JP 2002536973-A/37
05-NOV-2002
18-FEB-2000 JP 2000599860
19-FEB-1999 US 60/120680
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/organism="unknown"
/mol_type="genomic DNA"
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Matches 16; Conserva
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Best Local Similarity
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Unknown.
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ACCESSION
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AR360264/c
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                                                                                                                                                                                                                                                                                                     1 (bases 1 to 20)
Vakharia, V.N. and Mundt, E.
Method for generating birnavirus from synthetic RNA transcripts
Patent: US 5871744-A 18 16-FEB-1999;
Location/Qualifiers
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
Valenzuela,D., Yuan,O., Hoffman,H., Hall,J. and Rapiejko,P.
Secreted proteins and polynucleotides encoding them
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6
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84.2%; Pred. No. 1.1e+02;
Live 0; Mismatches 3;
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1 (bases 1 to 20)
Hasebe,M., Goto,M. and Tosu,M.
Method for detection of mutations
Patent: US 6284463-A 10 04-SEP-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                     1. .20
/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                    AR035337 20 bp 3
Sequence 18 from patent US 5871744.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 10 from patent US 6284463.
AR167149
AR167149.1 GI:16243629
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1 CCAACACCATCTGCTCCAA 19
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Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
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S Vakharia, V.N. and Mundt, E.

Vakharia, V.N. and Mundt, E.

A method for generating birnavirus from synthetic RNA transcripts
A method for generating birnavirus from synthetic RNA transcripts
D 201501082-A.18

DNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE
OS Unidentified
PN JP 2001501082-A/18
PN JP 2001501082-A/18
PP 31-JUL-1997 JP 1998512643
PP 31-JUL-1997 JP 1998512643
PR 05-SEP-1996 US 08/708541
PV IXRAM N VAKHARIA, GEBRIT MUNDT
PC C12N15/09, A61K39/12, A61P31/12, C12N1/15, C12N1/19, C12N1/10, C12N7/00,
PC C12P21/0.2.12N7/00,
PC C12P21/0.2.2N7/00,
PC C12P21/0.2.2N7/00,
PC C12P21/0.2.2N7/00,
PC C12P21/0.2.2N1/00,
PC C12P21/0.2.2N1/00,
PC C12P21/0.2.2N1/00,
PC C12P21/0.2.2N1/00,
PC C12P21/0.2.2N1/00,
PC C12P21/0.2.2N1/00,
PC FR Key
PH Key
PT Source

//organism='/londentified'.
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           Length 20;
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Centre for Translational Research in Cancer (CA)
Location/Qualifiers
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/organism='Unidentified'.
Location/Qualifiers
            Score 14.2; DB 1;
Pred. No. 1.1e+02;
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/organism="synthetic construct"
                                                                                                                                                                                                            DNA
3.6%; Scor.
84.2%; Pred. No. ...
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note="sequencing primer"
                                                                                                                                                                                                          AX752160 20 bp
Sequence 1 from Patent W003035105.
AX752160 GI:32134264
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/organism="unidentified"
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synthetic construct
artificial sequences.
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Best Local Similarity 84.25
Matches 16; Conservative
            Query Match
Best Local Similarity 84,23
Matches 16, Conservative
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BD003310/c
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AX752160
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           Unknown.
Unclassified.
I (bases 1 to 20)
Vakharia, V. and Mundt, E.
Method for generating birnavirus from synthetic RNA transcripts
Patent: US 6596280-A 18 22-JUL-2003;
Patent: Location/Qualifiers
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Beseme, F. and Blond, J.
Beseme, F. and Blond, J.
BUDGERRET RETROVIRED SEQUENCES, ASSOCIATED WITH AUTOIMMUNE DISEASES ON WITH PREGNANCY DISORDERS
PATENT: WO 9902696-A 22 21-JAN-1999;
BIO MERIEUX (FR); BESEME FREDERIC (FR)
Location/Qualifiers
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Identification of virulence determinants
Patent: WO 0151649-A 2 19-JUL-2001;
The Board of Regents of the University of Nebraska (US)
Location/Qualifiers
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Pred. No. 1.1e+02;
0; Mismatches 3; Indels
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/organism="synthetic construct"
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/noTe="Primer"
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    .20
    /organism="unidentified"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32644"

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Sequence 22 from Patent WO9902696.
AX000977
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Sequence 2 from Patent W00151649.
AX195875
AX195875.1 GI:15386136
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84.2%;
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Matches 16; Conservative
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AX195875
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD196256.1 GI:33006026
JP 2002512530-A/22
unidentified
              (bases 1 to 20)
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Best Local Similarity 84.2
Matches 16; Conservative
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                            Fujino, Y.
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PN JP 2
PD 23-A
PF 06-J
PR 07-J
PI FRED
MANDRAND,
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Primer for synthesizing full-length cDNA and use thereof
Patent: JP 2002017375-A 3496 22-JAN-2002;
HELLX RESEARCH INSTITUTE
OS Unidentified
BN JP 2002017375-A/3496
PD 22-JAN-2002
PF 07-JUL-2000 JP 200253172
PF 07-JUL-2000 JP 200253172
PF 07-JUL-2000 JP 200253172
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PI YURI KAWAL,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI
SHINICHI KOJIMA,
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                                           Length 20;
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Pred. No. 1.1e+02;
0; Mismatches 3; Indels
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/organism='Unidentified'
Location/Qualifiers
                                        Query Match 3.6%; Score 14.2; DB 1; Best Local Similarity 84.2%; Pred. No. 1.1e+02; Matches 16; Conservative 0; Mismatches 3;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Aurora 2 Kinase inhibitor.
BD143077 BD143077. GI:27848835
JP 2002095479-A/7.
Homo sapiens (human)
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unclassified.
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BD143077/c
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C12N9/99,
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Endogenetic retroviral sequences, associated with autoimmune
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E 1 (bases 1 to 20)
S Beseme,F., Blond,J.L., Bouton,O., Mandrand,B. and Mallet,F. Endogenetic retroviral sequences, associated with autoimmune diseases and/or with pregnancy disorders
L Patent: UP 2002512530-A 22 23-APR-2002;
BIO MERRIEUX
OS Unidentified
PN JP 200251230-A/22
PD 23-APR-2002
PP 06-JUL-1998 JP 1999508244
PR 07-JUL-1997 FR 97/08815
PR PREDERIC BESEME,JEAN LUC BLOND,OLIVIER BOUTON,BERNARD
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PC C12N15/48, C07K14/15, C12Q1/68, C07K16/10, G01N33/569 (
Strandedness: Single;
CC Topology: Linear;
CC Endogenetic retroviral sequences, associated with a diseases
CC and/or with pregnancy disorders
CC and/or with pregnancy disorders
FH Key Location/Qualifiers
FT source 1. 20
FT /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                              /organism='Homo sapiens (human)'. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3.6%; Score 14.2; DB 1; Length 20; 84.2%; Pred. No. 1.1e+02; tive 0; Mismatches 3; Indels
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Location/Qualifiers
Aurora 2 kinase inhibitor
Patent: JP 2002095479-A 7 02-APR-2002;
MITSUBISHI TOXYO PHARMACEUTICALS INC
OS HOMO SADIENS (human)
PD 02-APR-2002
PD 02-APR-2002
PD 12-SEP-2000 JP 2000287928
PI YASUHIRO FUJINO
PC C12N15/09, A61X31/7088, A61K45/00, A61K
PC C12N15/09
PC C12N15/00
CC Aurora 2 kinase inhibitor
FT SOURCE
FT SOURCE /Organism='Homo sapi
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Key Location/Qualifiers
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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PAT 08-MAY-2003
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                      Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 0302177-A 3053 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Regulation of human fatty acid-coa ligase-like enzyme
Patent: WO 03027292-A 7 03-APR-2003;
Bayer Aktiengesellschaft (DE)
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                                                                           linear
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100.0%; Pred. No. 92;
tive 0; Mismatches
                                                                         AX737463 17 bp DNA Sequence 3053 from Patent WO03025177. AX737463
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AR046780
                                                                                                                                                                                                                                                                                                                                                                                 1. .17 /organism="Homo sapiens"
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Sequence 7 from Patent WO03027292.
AX740978
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synthetic construct
artificial sequences.
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AX737463/c
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AX740978
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Homo sapiens
Eukaryois Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                         Gaps
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments 27 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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84.2%; Pred. No. 1.1e+02;
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Location/Qualifiers
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Sequence 269 from Patent WO03004526.
AX671824

    .17
    /organism="Homo sapiens"
/mol_type="unassigned DNA"
    /db_xref="taxon:9606"

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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Homo sapiens
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Query Match
Best Local Similarity 84.2%
Matches 16; Conservative
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Best Local Similarity 100.
Matches 14; Conservative
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AX736202/c
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PAT 29-SEP-1999

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Draper, K.G.
Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 1636 17-OCT-2000;
Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown.
Unclassified.
1 (bases 1 to 17)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
                                                                                                                                                                                                                                                                      Draper, K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 1800 17-NOV-1998;
Location/Qualifiers
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ARI15190.1 GI:14095512
                                                                                                                   AR057596 17 bp DNA Sequence 1800 from patent US 5837542.
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Sequence 1643 from patent US 6132967.
AR115197
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88.2%; Pred. No. 99;
tive 0; Mismatches
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/organism="unknown"
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Dest Local Similarity 88.2<sup>3</sup>
Matches 15, Conservative
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Best Local Similarity 88.2%
Matches 15, Conservative
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Unclassified.
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AR115190
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1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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Unclassified.
1 (bases to 17)
Grimm.S., Stinchcomb.D.T., McSwiggen,J., Sullivan,S. and
Braper,K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 1643 17-NOV-1998;
Location/Qualifiers
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                    Unclassified.
Unclassified.
1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T. C-myb ribozymes having 2'-5'-linked adenylate residues Patent: US 5817796-A 1573 06-OCT-1998;
Location/Qualifiers
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Patent: US 5837542-A 1636 17-NOV-1998;
Location/Qualifiers
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Sequence 1636 from patent US 5837542.
AR057432
AR057432.1 GI:5983009
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88.2%; Pred. No. 99;
cive 0; Mismatches
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ilarity 88.2%; Pred. No. 99;
Conservative 0; Mismatches
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Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches
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/organism="unknown"
/mol_type="unassigned DNA"

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    mol_type="unassigned DNA"

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/wol_type="unassigned DNA"
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Matches 15; Conservative
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1 (bases 1 to 17)
Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
Oligoribonucleotides with enzymatic activity
Patent: US 6617438-A 558 09-SEP-2003;
Location/Qualifiers
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Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S. Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 559 04-MAR-2003;
Location/Qualifiers
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Sequence 618 from patent US 6656700.
AR434195
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US 6617438.
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88.2%; Pred. No. 99;
ive 0; Mismatches
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AR286187 GI:29723783
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88.2%; Pred. No. 99;
:ive 0; Mismatches
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/organism="unknown"
/wol_type="unassigned RNA"
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/organism="unknown"
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  Mismatches
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AR398177
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  Unknown.
Unclassified.
I (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132567-A 14643 17-0CT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 1800 17-OCT-2000;
Location/Qualifiers
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Unclassified.
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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Unclassified.
Unclassified.
1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb targeted ribozymes
C-myb targeted ribozymes
Patent: US 5646642-A 1573 08-JUL-1997;
Location/Qualifiers
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88.2%; Pred. No. 99;
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US 6132967.
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/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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/mol__type="unassigned DNA"
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Sequence 1800 from patent
AR115354.1 GI:14095676
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Unclassified.
1 (bases 1 to 17)
Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 666700-A 618 02-DEC-2003;
Location/Qualifiers
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Gu,Y. and Shannon,M.E.

Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 619 02-DEC-2003;

Location/Qualifiers
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RIBOZYME PHARMACEUTICALS, INC. (US)
                                                                                                                                                                                                                                                                                                       Sequence 619 from patent US 6656700. AR434196
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Sequence 1633 from Patent EP1260586.
AX634494
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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Woolf, T. Method and reagent for inhibiting the expression of disease related
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Method and reagent for inhibiting the expression of disease related
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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  DB
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Sequence 1647 from Patent BP1260586.
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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/mol_type="unassigned RNA"
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88.2%; Pred. No. 99;
Query Match 3.5%; Score 13.8; 1 Best Local Similarity 88.2%; Pred. No. 99; Matches 15; Conservative 0; Mismatches
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Location/Qualifiers
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Matches

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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (Dases 1 to 18)
Tanahashi,H., Ito,T., Hattori,M., Ohira,M., Ohki,M., Tashiro,K. and Sakaki,Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PAT 31-AUG-2001
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                             STS 29-MAY-2002
                           18 bp DNA linear STS 29-MAY-2005 gene locus STS, location 21q21-22.1, sequence
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Selective killing of cells by activation of double-stranded rna
dependent protein kinase-pkr
Patent: WO 0157205-A 18 09-AUG-2001;
Yissum Research and Development Co., Hebrew University of Jeruss
(IL)
                                                                                                                                                                                                                                                                                                                                                                             Submitted (28-ARK-1995) Yoshiyuki Sakaki, Institute of Medical Science, University of Tokyo, Human Genome Center; 4-6-1 Shirokanedal Minato-ku, Tokyo 108, Japan (E-mail:sakaki@hgc.ims.u-tokyo.ac.jp, Tel:03-5449-5362, Fax:03-5449-5445) to DDBJ by:
Yoshiyuki Sakaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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Pred. No. 1.1e+02;
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Sequence 18 from Patent WO0157205.
AX207609
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
/chromosome="21"
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Fax : 03-5449-5445.
Location/Qualifiers
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Institute of Medical Science
University of Tokyo
4-6-1 Shirokanedai Minato-ku
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                                               A PCR primer for APP
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Sakaki, Y.
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RESULT 87
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                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Gaps
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88.2%; Pred. No. 1.1e+02;
ative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                                         AX730086 1720 from Patent W003025175. Sequence 1720 from Patent W003025175. AX730086.1 GI:30509429
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88.2%; Pred. No. 99;
ative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Best Local Similarity 88.2'
- 15; Conservative
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  Methods and products related to genotyping and DNA analysis.
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Unclassified.
1 (bases 1 to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Parent: US 5646042-A 1575 08-JUL-1997;
Location/Qualifiers
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Sequence 47 from patent US 6399308.

    .17
    /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

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Gonsalves,D. and Meng,B.
Rupestris stem pitting associated virus nucleic acids, proteins, and their uses
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Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1575 06-0CT-1998;
Location/Qualifiers
                                                                                                     Length 19;
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93.3%; Pred. No. 1.2e+02;
iive 0; Mismatches 1;
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Location/Qualifiers
  /mol_type="unassigned DNA"
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1. _19
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/organism="unknown"
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Best Local Similarity 93.39
Matches 14, Conservative
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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 788 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: WO 0173002-A 787 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
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Sequence 787 from Patent WO0173002.
AX263396
/db_xref="taxon:32630"
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                                                                         Unknown...
Unclassified.
Unclassified.
I (bases I to 17)
Gonsalves,D. and Meng,B.
Rupestris stem pitting associated virus nucleic acids, proteins, and their uses
and their uses
Patent: US 639308-A 47 04-JUN-2002;
Iocation/Qualifiers
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1 (Dases 1 to 17)
Gonsalves,D. and Meng,B.
Detection of Rupestris stem pitting associated virus
Detection of Rupestris stem pitting associated virus
Detection of Rupestris stem pitting associated virus
Detection of Rupestris ruper.
Location/Qualifiers
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/mol_type="unassigned RNA"
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AR211417.1 GI:21514733
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Mus musculus (house mouse)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                        Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: EP 1239051-A 1114 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1118 11-SEP-2002;
                     Sequence 1114 from Patent EP1239051.
AX531605.1 GI:25255000
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Sequence 1118 from Patent EP1239051.
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/organism="Homo sapiens"
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Location/Qualifiers
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Mus musculus
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1 AGGGCCCAGGGTCC 15
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                         Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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Matches 14; Conservative 0; Mismatches 1; Indels
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Patent: WO 03025176-A 3629 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:10090"
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DNA linear PAT 27-AUG-2002
Heat-resistant lysine biosynthesis enzyme gene of thermophilic corymeform bacterium.
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MINORU TRAYA_BICHIRO KINDRA, YOSHIO KAWARA, SHINICHI SUGIMOTO PC
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synthetic construct
artificial sequences.

I (bases 1 to 18)
I taya, M., Yimura, E., Kawara, Y. and Sugimoto, S.
I taya, M., Yimura, E., Kawara, Y. and Sugimoto, S.
I taya, M., Yimura, E., Kawara, Y. and Sugimoto, S.
I taya, M., Yimura, E., Kawara, Y. and Sugimoto, S.
I taya, M., Yimura, S.
I taya, M., Yimura, Y. and Sugimoto, S.
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I taya, M., Yimura, Yoshio, S.
I taya, S.
I taya, S.
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Unclassified.
In (bases 1 to 18)
In (bases 1 to 18)
In (bases 2 to 18)
Method, reagents and kit for diagnosis and targeted screening for p53 mutations
Patent: US 6071726-A 29 06-JUN-2000;
Patent: US 6071726-A 29 06-JUN-2000;
Patent: Us 6071726-A 29 06-JUN-2000;
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                   3.4%; Score 13.4; DB 1; 1
93.3%; Pred. No. 1.2e+02;
ative 0; Mismatches 1;
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Sequence 29 from patent US 6071726.
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments Patent: WO 0302517-A 3365 27-MAR-2003; Molecular Engines Laboratories (FR)
Location/Qualifiers
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3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
Patent: WO 03025175-A 3812 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3365 from Patent WO03025177.
AX737775
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Best Local Similarity 93.33
Matches 14; Conservative
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Structural and funcotional conservation of the C. Elegans clock BD008778
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Hekimi,S., Ewbank,J., Barnes,T. and Lakowski,B.
Structural and funcotional conservation of the C. Elegans clock
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Unknown.
Unclassified.
1 (Deases 1 to 18)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallellic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 8403 25-MAR-2003;
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/db xref="taxon:32630"
/noFe="synthetic construct, oligonucleotide"
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Diamidine compounds as dna minor groove binders
Patent: WO 0146175-A.2 28-UUN-2001,
The University of North Carolina at Chapel Hill
STATE UNIVERSITY RESEARCH FOUNDATION, INC. (US)
                                                                                                                                                                                   ch 3.4%; Score 13.4; DB 1; 1. Similarity 93.3%; Pred. No. 1.3e+02; 14; Conservative 0; Mismatches 1;
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93.3%; Pred. No. 1.3e+02;
tive 0; Mismatches 1;
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Patent: JP 2001502181-A 8 20-FEB-2001;
MCGILL UNIVERSITY
                                                                                                                                                                                                                                                                                                                                                            18 bp
Sequence 2 from Patent WO0146175
AX180399
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JP 2001502181-A/8
20-FEB-2001
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1 (bases 1 to 18)

man displayer, J.K.

method, reagents and Kit for diagnosis and targeted screening for P53 mutations
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Baker, B.F., Cowsert, L.M., Monia, B.P. and Xu, X.S.
Antisense modulation of expression of tumor necrosis factor receptor—associated factors (TRAFs)
receptor—associated factors (TRAFs)
Patent: Location/Qualifiers
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3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 85 from patent US 6399297.
AR211172.1 GI:21514424
    Mismatches
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Sequence 29 from patent US 5552283.
125710
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Length 18; Indels PAT 03-APR-1998

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Unclassified.

1 (bases 1 to 18)
Schumm,J.W. and Bacher,J.W.
Materials and methods for indentifying and analyzing intermediate tandem repeat DNA markers
Patent: US 6238863-A 56 29-MAY-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unknown.

1 (Dases 1 to 18)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Pathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4462 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   [bases 1 to 18]
Leteinger, R.Lewis. and Gryaznov, S.M.
Method for covalently linking adjacent oligonucleotides
Patent: US 5681943-A 4 28-0CT-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 3.3%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 1.4e+02; Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                         Query Match 3.3%; Score 13.2; DB 1; Best Local Similarity 83.3%; Pred. No. 1.4e+02; Matches 15; Conservative 0; Mismatches 3;
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AR188974
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/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
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GI:15122059
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AR154006.1
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PF 17-OCT-1997 JP 1998518750
PR 21-OCT-1996 US 60/028977,18-DEC-1996 US SIEGFRIED HEKIMI, JONATHAN EMEANK, THOMAS BARNES, PI LAKOWSKI
LAKOWSKI
C Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source (organism='Unidentified', regarism='Unidentified',
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/organism='Unidentified'
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 56 from patent US 6238863.
AR154006

    .18
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon:32644"

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Best Local Similarity
Matches 14; Conserv
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AR154006/c
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PAT 20-APR-2002

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PAT 24-NOV-2000
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Genes that regulate hematopoietic blood forming stem cells and uses
                                                                                                                                                                                                                                                                                                                                                                                        PAT 17-AUG-2003
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Unclassified.
Unclassified.
I (bases 1 to 18)
Pavco, P., McKwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Pavco, P., McKwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: Us 6566127-A 2175 20-MAY-2003;
Location/Qualifiers
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                                            1 (bases 1 to 18)
Cohen, D., Chumakov I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilbrium map of the human genome
Patent: US 6537751-A 5365 25-MAR-2003;
Location/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3;
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83.3%; Pred. No. 1.4e+02;
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/organism="synthetic construct"
/mol Lype="unassigned DNA"
/db xref="taxon:32630"
/nofe="primer"
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Patent: WO 0011168-A 77 02-MAR-2000;
Princeton University (US)
Location/Qualifiers
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Sequence 77 from Patent W00011168.
AX046410
AX046410.1 GI:11344380
                                                                                                                                                     /organism="unknown"
/mol_type="genomic DNA"
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Best Local Similarity 83.3
Matches 15; Conservative
             Unknown.
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1 (bases 1 to 18)

Cohe, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: Uscalla 153751-A 5193 25-WAR-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                          Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 637751-A 4808 25-MAR-2003;
Location/Qualifiers
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.larity 83.3%; Pred. No. 1.4e+02;
Conservative 0; Mismatches 3; Indels
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Sequence 5193 from patent US 6537751.
AR293458
AR293458.1 GI:31680742
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/wol_type="genomic DNA"
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 Best Local Similarity 83.33
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AR293458/c
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Adorjan, P., Burger, M., Maier, S., Nimmrich, I., Becker, E., Lesche, R., Rujan, T. and Schmitt, A. Method and nucleic acids for the analysis of a colon cell proliferactive disorder

Patent: WO 03072821-A 760 04-SEP-2003;

Epigenomics AG (DE)
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Patent: EP 1340818-A 760 03-SEP-2003;
Epigenomics AG (DE)
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/db_xref="taxon:32630"
/note="Detection oligonucleotide for TIMP3"
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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AX822868
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artificial sequences.
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AX822868/c
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BD130112/c
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Method and nucleic acids for the analysis of a lung cell
proliferative disorder
Patent: WO 03052135-A 769 26-JUN-2003;
Epigenomics AG (DE)
Location/Qualifiers
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Establishment of cellular manipulations which enhance
betablishment of cellular manipulations which enhance
bigo-mediated gene targeting
Patent: WO 0173001-A 7 04-0CT-2001;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
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/noTe="Detection oligonucleotide for TIMP3"
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1 Similarity 83.3%; Pred. No. 1.4e+02;
15; Conservative 0; Mismatches 3; Indels
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                                                    Indels
                Score 13.2; DB 1;
Pred. No. 1.4e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="Synthetic"
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Sequence 7 from Patent W00173001
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
                                                                                                                                                                     Unclassified.

1 (bases 1 to 16)
Dalie,B., Miller,K., Murgolo,N. and Tindall,S.
Humanized monoclonal antibodies against human interleukin-4
Patent: US 5597710-A 10 28-JAN-1997;
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Sequence 1307 from Patent W003025177.
AX735717
                                    DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent: WO 03025175-A 268 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
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/organism="unknown"
/mol_type="unassigned DNA"
                                    134311 16 bp Sequence 10 from patent US 5597710.
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Homo sapiens
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Homo sapiens
                                                                          134311
134311.1 GI:1825102
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Query Match
Best Local Similarity 100.0
Matches 13; Conservative
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AX728634/c
RESULT 127
I34311/c
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                                                                                                                                                                     1. (bases 1 to 18)
Schumm, J.W. and Bacher, J.W.
Material and method for specifying and analyzing medium-size tandem
BD130112 118 bp DNA linear PAT 18-SEP-2002 Material and method for specifying and analyzing medium-size tandem repeat DNA marker.
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1 (bases 1 to 14)
Fauchet, C.R.J.
Fixing unit with an end imprint in a threaded terminal portion Patent: US 6632057-A 119 14+OCT-2003;
Location/Qualifiers
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
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/organism='Unidentified'

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Patent: JP 2002502606-A 56.29-JAN-2002;
DN Unidentified
DN JP 2002502606-A/56
PP 29-JAN-2002
PP 04-FEB-1999 UP 200530608
PR 04-FEB-1999 US 09/018584
PR 04-FEB-1999 US 09/018584
PR 04-FEB-1999 US 09/018584
PC CLZNIS/O9/C1201/68,C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Material and method for specifying an CC Material and method for specifying an CC Material and method for specifying an FEH Key
FT SOURCE 1..18
FT SOURCE 1..18
FT FORMARIES 1..18
FT SOURCE 1..18
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Sequence 119 from patent US 6632057.
AR408026.1 GI:40158013
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/mol_type="unassigned RNA"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                              BD130112.1 GI:23225057
JP 2002502606-A/56.
unidentified
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Matches 15; Conserv
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PAT 29-SEP-1999
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Drosophila melanogaster
Bukaryota, Metazoa, Arthropoda; Hexapoda, Insecta, Pterygota;
Neoptera, Endopterygota; Diptera, Brachycera; Muscomorpha;
Ephydroidea; Drosophilidae; Drosophila.
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Method for identifying therapeutic targets by use of gen
screens in drosophila melanogaster
Patent: WO 03042407-A 18 22-MAY-2003,
BOEHRINGER INGELHEIN INTERNATIONAL GMBH, CD Patents (DE)
Location/Qualifiers
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                        3.3%; Score 13; DB 1; Length 18; 100.0%; Pred. No. 1.5e+02; tive 0; Mismatches 0; Indels
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/organism="Drosophila melanogaster"
/mol_type="unassigned DNA"
/db_xref="taxon:7227"
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AX772228.1 GI:32438801
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Sequence 83 from patent US 6410323.
AR215535 RI:23313791
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/mol_type="genomic DNA"
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Unclassified.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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100.0%; Pred. No. 1.3e+02;
tive 0; Mismatches 0; Indels
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1 (bases 1 to 18)
Coswert_L.M.
Antisense modulation of RhoB expression
Patent: US 5962672-A 22 05-OCT-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent: WO 03040369-A 4982 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 4982 from Patent W003040369.
AX761661
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Sequence 22 from patent US 5962672.
AR078596

    .17
    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/wol_type="unassigned DNA"
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AUTHORS TITLE JOURNAL FEATURES

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AR078596

ACCESSION VERSION KEYWORDS

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PAT 13-MAY-1997
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                                                                                                                                  Unknown.
Unclassified.

I (bases 1 to 17)
Olivera, B.M., Hillyard, D.R., Imperial, J.S. and Monje, V.D. Omega-conotoxin peptides
Patent: US 5591821-A 7 07-JAN-1997;
Location/Qualifiers
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1 (Dases 1 to 17)

1 (Dases 1 to 17)

1 (Dases 1 to 17)

2 (Dases 1 to 17)

2 (Dases 1 to 17)

2 (Dases 1 to 17)

3 (Dases 1 to 17)

4 (Dases 1 to 17)

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6 (Ase 1 to 17)

7 (Dases 1 to 17)

1 (Dases 1 to 17)
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1 (Dases 1 to 17)
Draper, K.G., Pavco,P., McSwiggen,J., Gustofson,J. and Stinchcomb,D.T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 17;
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1 Similarity 87.5%; Pred. No. 1.4e+02;
14; Conservative 0; Mismatches 2;
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3.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2;
                                  DNA
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Patent: US 5612215-A 16 18-MAR-1997;
Location/Qualifiers
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Sequence 16 from patent US 5612215.
137003.
137003.1 GI:2084963
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/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                 /organism="unknown"
/mol_type="unassigned DNA"
                           17 bp
Sequence 7 from patent US 5591821.
133456.1 GI:1824247
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IS3618.1 GI:2474821
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LOCUS
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CE 1 (Dasses 1 to 17)

S Blatt, L. Zwick, M., Pavco, P. and Mcswiggen, J.

Regulation of repressor genes using nucleic acid molecules

Regulation of repressor genes using nucleic acid molecules

RIBOZYME PHARMACEUTICALS INC

OS EUKARYOTE

PR 72 2002541795-A/1870

PD 10-DBC-2002

PF 11-APR-2000 JP 200611654

PR 12-APR-1999 US 60/129390

PR 12-APR-1999 US 60/129390

PR 12-APR-1999 US GOALSANCK, PAMELA PAVCO, JAMES MCSWIGGEN PC C12R15/09, A6IX38/00, A6IX48/00, A6IX48/00, A6IX48/00, A6IX48/00, A6IX48/1711, (C12N5/10, C12P21/02, PC C12P21/02, C12P21/02, C12P21/02, C12P21/02, C12P21/02, C12P21/02, C12R1:91), (C12P21/02, C12N5/00, PC C12P21/02, C12R1:91)

PC (C12P21/02, C12R1:91)

PC (C12P21/02, C12R1:91)

PC (C12P21/02, C12R1:91)

PC (C12P21/02, C12R1:91)
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(C12N5/00,C12R1:91)
Regulation of repressor genes using nucleic acid molecules FH
Regulation of repressor genes using nucleic acid molecules FH
Location/Qualifiers
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Regulation of repressor genes using nucleic acid molecules.
BD254077
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1359 06-OCT-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 3.2%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 1.4e+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                     Query Match 3.2%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 1.4e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
1. 17
Sequence 1359 from patent US 5817796.
AR046566
AR046566.1 GI:5968031
                                                                                                                                                                                                                                   /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        11. .17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002541795-A/1870.
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unidentified
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BD254077/c
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TITLE JOURNAL

FEATURES

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Unclassified.

1 (bases 1 to 17)

Akhtar,S., Fell,P. and McSwiggen,J.A.

Akhtar,S., Fell,P. and Incatment of diseases of conditions related to levels of epidermal growth factor receptors

Patent: US 6623962-A 722 23-SEP-2003;

Location/Qualifiers
                                                                                                        Unclassified.

1 (bases 1 to 17)

Akhtar, S., Fell, P. and McSwiggen, J.A.

Bnzymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors patent: US 6623962-A 72. 23.5EP-2003;

Location/Qualifiers
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3.2%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 1.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
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1 (bases 1 to 17)

Gu,Y. and Shannon,M.E.

Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 615 02-DEC-2003;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                Query Match

3.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AR402382 17 bp DNA Sequence 722 from patent US 6623962. AR402382 GI:40149832
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AR434192
AR434192.1 GI:40197035
Sequence 721 from patent US 6623962.
AR402381
AR402381.1 GI:40149831
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/wol_type="genomic DNA"
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/organism="unknown"
/wol_type="genomic DNA"
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AR402382
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Unclassified.
Unclassified.
I (bases I to 17)
Pavco, P. McKwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Pavco, P. McKwiggen, Tor the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 6377 20-MAY-2003;
Location/Qualifiers
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1 (Dases 1 to 17)

1 (Dases 1 to 17)

Draper.K.G., Pavco,P., McSwiggen,J., Gustofson,J. and Stinchcomb,D.T.

Method of reducing stromelysin RNA via ribozymes
Patent: US 5731295-A 16 24 MAR-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3.2%; Score 12.8; DB 1; Length 17; 87.5%; Pred. No. 1.4e+02; ative 0; Mismatches 2; Indels
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Sequence 6327 from patent US 6566127.
AR328925
AR328925.1 GI:33714733
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193853
193853.1 GI:3938323
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     /organism="unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
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Best Local Similarity 87.55
Matches 14; Conservative
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Best Local Similarity 87.5
Matches 14; Conservative
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DEFINITION ACCESSION

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VERSION KEYWORDS

RESULT 140 AR328925/c

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REFERENCE AUTHORS

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RESULT 141

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PAT 18-DEC-2003

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PAT 07-SEP-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and
                                                                                                                                                                                                                                    Gaps
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Patent: WO 0159103-A 2513 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0159103-A 3329 16-AUG-2001;
RIBOZYME PHARMACEUTGALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); chowrira, Bharat M. (US)
Location/Qualifiers
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                                            1 (bases 1 to 17)

Gu,Y. and Shannon,M.E.

Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 620 02-DEC-2003;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/nofe="Nucleic Acid"
                                                                                                                                                                                                                                                                                                                                                                                   RNA
                                                                                                                                                                                                                                                                                                                                                                             Sequence 2513 from Patent W00159103. AX217071
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                                                                                                                              1. .17 / organism="unknown" / mol_type="genomic DNA"
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artificial sequences.
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Best Local Similarity 87.5%
Matches 14; Conservative
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AX217887/c
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Gu,Y. and Shannon,M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 616 02-DEC-2003;
Location/Qualifiers
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Gu,Y. and Shamnon,M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 617 02-DEC-2003;
Location/Qualifiers
               Query Match 3.2%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 1.4e+02; Matches 14; Conservative 0; Mismatches 2;
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Sequence 617 from patent US 6656700.
AR434194
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AR434193/c
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AR434197/c
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                                                                                                                                                                                                                                                                                                            Blatt,L., Mcswiggen,J. and Chowrira,B.M. Method and reagent for the modulation and diagnosis of cd20 and
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Gaps
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Patent: WO 0159103-A 3697 16-AUG-2001;
RIBOZYME PHARMAGEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
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3.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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/mol_type="unassigned RNA"
/mol_type="taxon:32630"
/note="Nucleic Acid"
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Sequence 3697 from Patent W00159103.
AX218255
AX218255.1 GI:15528316
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Matches 14; Conservative
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 3560 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0159103-A 3696 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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87.5%; Pred. No. 1.4e+02;
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3.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db xref="taxon:32630"
/noTe="Nucleic Acid"
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/mol type="unassigned RNA"
/mol type="taxon:32630"
/noFe="Nucleic Acid"
       AX218254 17 bp RN
Sequence 3696 from Patent WO0159103.
AX218254
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Sequence 3560 from Patent W00159103.
AX218118
AX218118.1 GI:15528179
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AX218118/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/note="primer XPD exon 23 consensus"
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/db_xref="taxon:9606"
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17 bp
Sequence 15 from Patent W00162964.
AX229745
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Randi, A.M.
Method and reagent for the inhibition of erg
Parent: WO 0.188124-A.1816 22-NOV-2001;
RIBOZYME PHARACEUTCALG, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1871 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1399 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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Sequence 1871 from Patent WO0188124.
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/db_xref="taxon:9606"

    1.17
    /organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

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RESULT 158 AX467582

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PAT 22-NOV-2002
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            PAT 22-NOV-2002
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Patent: BP 1239051-A 716 11-SEP-2002;
Aeomica, Inc. (US)
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Patent: EP 1239051-A 777 11-SEP-2002;
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Sequence 778 from Patent BP1239051.
AX531269
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AX531207.1 GI:25254207
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Best Local Similarity 87.5
Matches 14; Conservative
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Optimized cardiac contraction through differential phosphorylation
of myosin
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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The Secretary of the Department of Health and Human Services (US)
Location/Qualifiers
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 Query Match
3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Human posh-like protein 1
Patent: BP 1239051-A 715 11-SEP-2002;
Aeomica, Inc. (US)
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AX531206
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Sequence 18 from Patent WO0224889.
AX467582
AX467582.1 GI:21900774
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/organism="Homo sapiens"
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Homo sapiens
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Matches 14; Conserv
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Akhtar, S., Fell, P. and Mcswiggen, J.A.

Akhtar, S., Fell, P. and Mcswiggen, J.A.

Baryantic mucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

L Patent: JP 2001511003-A 721 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
OS Unidentified

PN JP 2001511003-A/721

PP 14-JAN-1998 UP 199832913

PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 PI SAGHTR AKHTAR, PATRICIA FELL, JAMBES A MCSWIGGEN PC
C12N9/00, C07K14/71
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BD067882
BD067882
BD067882.
BD067882.1 GI:22613485
Unidentified
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Enzymatic nucleic acid treatment of diseases or conditions CC related to levels of epidermal growth factor receptors

Key
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                                                                        Length 17;
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3.2%; Score 12.8; DB 1; Length 1
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Akhtar,S., Fell,P. and Mcswiggen,J.A.
/organism="Homo sapiens"
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/organism="unidentified"
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JP 2001511003-A/721.
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BD067882
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Pred. No. 1.4e+02;
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3.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
1..17
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                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1122 from Patent W003025175. AX729488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent: WO 03025175-A 1122 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                    Shannon, M.
Human posh-like protein 1
Patent: EP 1239051-A 778 11-SEP-2002;
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Best Local Similarity 87.5%; Pred. No. 1.4e
Matches 14; Conservative 0; Mismatches
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                            Aeomica, Inc. (US)
Location/Qualifiers
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Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

BD202831.
BP202831.1 GI:33012601
JP 2002509721-A/5857.
Homo sapiens (human)
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27-WAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BURATYCE, MELEZOE, Chordete; Craniere; Vertebrate; Buteleostomi; Memmalie; Butherie; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 17)

PavCo, P.A., Roberts, Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

Patent: JP 2002509721-A 5857 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
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                                                                                   Length 17;
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                                                                                Query Match
3.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 1.46+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 35 from Patent WO9925815.
A95633

    .17
    /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

     /mol_type="genomic RNA"
/db_xref="taxon:9606"
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JP 2002509721-A/5857
02-APR-2002
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Entrangation Sapiens

Entrangation Sequence Sequence Sequence Sequence Sequence Mammalia; Enteleostomi; Mammalia; Enteleostomi; Mammalia; Enteleostomi; Mammalia; Enteleostomi; Mammalia; Enteleostomi; Sequence Sequen
Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

Lo levels of epidermal growth factor receptors

RIBOZYMES PLARMACEUTICALS INC, ASTON UNIV

OS Unidentified

PN JP 2001511003-A/722

PN 07-AUG-2001

PF 14-JAN-1999 JP 1998532913

PR 31-JAN-1999 US 60/036476,04-DEC-1997 US 08/985162 PI SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC CL2NS/00,C07K4471

CC Strandedness: Single;

CC Topology: Linear;

CC Topology: Linear;

CC Enzymatic nucleic acid treatment of diseases or conditions CC
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PC AG1P35/00,AG1P43/00,C12N5/10,C12N9/00//AG1K35/76,C12N15/00,
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PN JP 2002509721-A/1690
PD 02-ARR-1999
PP 24-MAR-1999 JP 2000541291
PR 27-MAR-1999 US 60/079678
PI DAMELA A PRACO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOO PI JAMES A MCSWIGGEN
PC C12N15/09, A61K31/7089, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
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Enzymatic nucleic acid treatment of diseases or conditions
related to
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'organism='Homo sapiens (human)'
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/organism="unidentified"
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/db_xref="taxon:32644"
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JP 2002509721-A/1690.
Homo sapiens (human)
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BD198664
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ACCESSION VERSION KEYWORDS SOURCE

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 1 (bases 1 to 18)
Letrnann, B. and Kispert, A.
NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATIONS
THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PI KATSUHIKO MIKOSHIBA, JUN ARIGA, KENJI NAGAI, KATSUHORI NAKATA PC C12N15/09, A61K35/74, A61K35/76, A61K38/00, A61K38/00, A61K4/47, PC C12N1/21, C12N5/10, C12P21/02// (C12N15/09, C12R1:91), (C12N1/21,
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                                                  Patent: WO 9925815-A 35 27-MAY-1999;
HERRMANN BERNHARD (DE); MAX PLANCK GESELLSCHAFT (DE)
Location/Qualifiers
                                                                                                                                                       3.2%; Score 12.8; DB 1; Length 18; 87.5%; Pred. No. 1.6e+02; ive 0; Mismatches 2; Indels
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Cowsert, L.M.
Antisense inhibiton of human G-alpha-12 expression
Patent: US 5998206-A 62 07-DEC-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                   linear
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Katsuhiko, M., Jun, A., Kenji, N. and Katsunori, N.
Neurogenesis-inductive gene
Patent: JP 1999341985-A 22 14-DEC-1999;
RIKAGAKU KENKYUSHO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DNA

    .18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

                                                                                                                                                                                                                                                                                              Sequence 62 from patent US 5998206.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /wol_type="unassigned DNA"
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JP 1999341985-A/22
14-DEC-1999
30-APR-1998 JP 1998121456
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unknown"
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B30569
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JP 1999341985-A/22.
unidentified
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                                                                                                                                                                    Local Similarity
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E30569
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VERSION
KEYWORDS
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C12N15/00,
A61K37/02,A61K37/02,C12N5/00,(C12N15/00,C12R1:91), (C12N5/00,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 18)
Beck, J.Joseph.
Detection of wheat and barley fungal pathogens using the polymerase chain reaction action
Patent: US 6358680-A 26 19-MAR-2002;
Location/Qualifiers
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/organism='Unidentified'.
Location/Qualifiers
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1 (bases 1 to 18)
Mikoshiba, K., Aruga, J., Nagai, T. and Nakata, K.
Neurogenesis inducing genes
Patent: US 6506637-A. 25 31-DEC-2002;
Location/Qualifiers
                                                                                                                         Location/Qualifiers
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AR200637.1 GI:20251525
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                                                                                                                                                                                                       1. .18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
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/organism="unknown"
                                                         C12R1:91)
Strandedness: Single;
Topology: Linear;
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AR429232/c

RESULT 174

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ORGANISM

SOURCE

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BD137912 18 bp DNA linear PAT 18-SEP-2002 Detection of wheat and barley fungal pathogens using the polymerase
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                            BD091437.1 GI:22637048
BD091437.1 GI:22637048
BD091437.1 GI:22637048

Sp0152449-A/26.

Bynthetic construct

Bynthetic construct

artificial sequences.

artificial sequences.

Hermann, B., Koschorz, B. and Kispert, A.

Nucleic acids involved in the responder phenotype and applications
                                                                                                                                                                                      Nucleic acids involved in the responder phenotype and applications
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C12N15/09,C12Q1/68,C12N15/00
Description of Artificial Sequence: primer JB660
Location/Qualifiers
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/organism='Artificial Sequence'.
Location/Qualifiers

    .18
    /organism='Artificial Sequence'.

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/organism="synthetic construct"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        chain reaction
Patent: JP 2002504347-A 26 12-FEB-2002;
NOVARTIS AG
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20-FEB-1998 US 09/0266
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JP 2002504347-A/26
12-FEB-2002
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JP 2002504347-A/26.
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synthetic construct
artificial sequences.
1 (bases 1 to 18)
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BD137912
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BD137912
        DEFINITION
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TITLE
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Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
Patent: WO 0224/47-A 10 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
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Herrmann, B., Koschorz, B. and Kispert, A.
Nucleic acids involved in the responder phenotype and applications thereof
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        3.2%; Score 12.8; DB 1; Length 18; 87.5%; Pred. No. 1.6e+02; ative 0; Mismatches 2; Indels
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Location/Qualifiers
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Sequence 35 from patent US 6642369.
AR42933.
AR429232.1 GI:40189381
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Sequence 10 from Patent WO0224747.
AX404184
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synthetic construct
artificial sequences.
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              Query Match
Best Local Similarity 87.5
Matches 14; Conservative
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Unclassified.
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Matches 14; Conserv
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PAT 29-SEP-1999
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Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J.
TNF-, alpha. ribozyme.
Patent: US 5811300-A 738 22-SEP-1998;
Location/Qualifiers
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Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J. TNF-, alpha. ribozyman, Patent: 195 8811300-A 737 22-SEP-1998;
Location/Qualifiers
                    PAT 29-SEP-1999
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/organism='Homo sapiens (human)'.
Location/Qualifiers
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participating in vasculogenic response
Key Location/Qualifiers
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3.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1;
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3.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="unknown"
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/organism="unknown"
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JP 2002509721-A/6596
02-APR-2002
27-MAR-1999 US 60/079678
PAMBLA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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I (Mases 1 to 1).
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 6596 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
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Method and reagent for treating diseases or conditions concerning molecule participating in Vasculogenic response.

BD203570
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 670 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                                                                                                               Query Match 3.2%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 1.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1. .18
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                                       1. .18
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Sequence 670 from Patent WO0129262.
AXII5547
AXII5547.1 GI:14032489
                      cocation/Qualifiers
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Homo sapiens (human)
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synthetic construct
artificial sequences.
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Gaps

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Oryza sativa
Oryza sativa
Bukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
    Unknow...
Unknow...
Unclassified.
1 (bases 1 to 15)
1 (bases 1 to 15)
Nelsen, P.B. and Good,L.
Antibacterial and antibiotic methods using peptide nucleic acids and pharmaceutical compositions therefor and pharmaceutical compositions patent: US 6300318-A 19 09-OCT-2001;
Datent: US 6300318-A 19 09-OCT-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Jilka, J.M., Hood, E.E. and Howard, J.A.
Novel plant promoter sequences and methods of use for same
Patent: Wo 0194394-A 10 13-DEC-2001;
Prodigene, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                Rice tungro bacilliform virus
Rice tungro bacilliform virus
Viruses; Retroid viruses; Caulimoviridae; Rice tungro
bacilli-form-like viruses.
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                                                                                                                                                                                3.1%; Score 12.4; DB 1; Length 15; 86.7%; Pred. No. 1.4e+02; tive 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bruce, W.B. and Niu, X.
Novel plant promoters and methods of use Patent: WO 0153476-A 23 26-UUL-2001; PIONEER HI-BRED INTERNATIONAL, INC. (US)
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/organism="Oryza sativa"
/mol_type="unassigned DNA"

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Sequence 10 from Patent WO0194394.
AX358115
AX358115.1 GI:18674862
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Sequence 23 from Patent WO0153476.
AX207070 GI:15394862
                                                                                                                                                   /mol_type="genomic DNA"
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Best Local Similarity 86.77
Matches 13; Conservative
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Unclassified.

1 (bases 1 to 15)
1 (bases 1 to 15)
Tournier-lasserve,E., Joutel,A., Bousser,M.-G. and Bach,J.-F. Gene involved in cadasil, method of diagnosis and therapeutic application
Patent: US 6537775-A 32 25-MAR-2003;
Patent: US 6537775-A 32 25-MAR-2003;
                                                                                                                                                                                                                                                   1 (bases 1 to 15)
Nielsen, P.E. and Good, L.
Methods of bacterial gene function determination using peptide nucleic acids
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Best Local Similarity 86.7%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
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Pred. No. 1.4e+02;
0; Mismatches 1;
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Location/Qualifiers
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Sequence 19 from patent US 6300318.
AR370354 GI:34606882
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                                                                                                                                            15 bp 1
Sequence 19 from patent US 6190866.
AR130732 GI:14119057
      Mismatches
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/mol_type="genomic DNA"
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Best Local Similarity 92.99
Matches 13; Conservative
                                                           14 TGTCTGAAGACAGC 1
         13; Conservative
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AR130732
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PAT 13-FEB-2002

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1 (bases 1 to 16)
Norden,B., Wittung,P., Buchardt,O., Egholm,M., Nielsen,P.E. and
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Buchardt,O., Bghollm,M., Nielsen,P.E. and Berg,R.H.
Peptide nucleic acids
Patent: US 6395474-A 33 28-MAY-2002;
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Pred. No. 1.5e+02;
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Double-stranded peptide nucleic acids
Patent: US 6228982.A 36 08-MAY-2001;
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Sequence 33 from patent US 6395474.
AR371296
AR371296.1 GI:34608228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                             AR150616 16 bp I
Sequence 36 from patent US 6228982.
AR150616
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Sequence 12 from Patent W00204952.
AX370480
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/organism="unknown"
/mol_type="genomic DNA"
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ilarity 92.9%;
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1 Similarity 92.9%;
13; Conservative
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                                                                                                                                                                                                                                                                                                                                                                 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.W., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and
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Pred. No. 1.4e+02;
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RIBOZYME PHARMACEUTICALS, INC. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent: EP 1260586-A 4570 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 4570 from Patent EP1260586.
AX637431
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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     db_xref="taxon:4530"
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1 Similarity 92.9%;
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PAT 04-DEC-1998
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1 (bases 1 to 17)

Roy,S. and Vehar,G.A.
Tissue factor mutants useful for the treatment of myocardial infarction and coagulopathic disorders
Patent: US 5739101-A 3 14-APR-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Aptamers specific for biomolecules and methods of making Patent: US 5756291-A 109 26-MAY-1998; Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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Similarity 92.9%; Pred. No. 1.7e+02;
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92.9%; Pred. No. 1.7e+02;
tive 0; Mismatches 1;
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AR057479
AR057479.1 GI:5983056
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Sequence 109 from patent US 5756291.
AR009341
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/organism="unknown"
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Sequence 3 from patent US 5739101.
AR001349
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AR057479/c
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oc A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OS Homo sapiens (human)

PN JP 2002509721-A/1690

PD 02-ARP-12002

PP 24-MAR-12002

PR 27-MAR-1998 US 60/079678

PI PAMBLA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN

PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
                                                         Altevogt, P. and Rogel, M. Diagnostic and therapeutic methods based on the 11 adhesion molecule for ovarian and endometrial tumors patent: WO 0204952-A 12 17-JAN-2002; Deutsches Krebsforschungszentrum Stiftung des Oeffentlichen Rechts (DE); MON-RESERRCH APPLICATIONS LTD. (IL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 17)
2 (bases 1 to 17)
3 bavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning malecule participating in vasculogenic response
Patent: JP 2002509721-A 1690 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BD198664 Incar PAT 17-JUL-200 RNA linear PAT 17-JUL-200 bethod and reagent for treating diseases or conditions concerning molecule participating in Vasculogenic response.
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ilarity 92.9%; Pred. No. 1.5e+02;
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/organism="synthetic construct"
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/note="primer"

    .17
    /organism="Homo sapiens"
/mol_type="genomic RNA"
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JP 2002509721-A/1690.
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     synthetic construct artificial sequences.
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PAT 29-SEP-1999
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1 (bases 1 to 17)

2 (bases 1 to 17)

Branch.S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.

Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)

Patent: US 6132967-A 1683 17-OCT-2000;
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
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Matches 13; Conservative 0; Mismatches 1; Indels
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Unclassified.
1 (bases 1 to 17)
Toole,J.J., Griffin,L.C., Bock,L.C. and Latham,J.A.
Aptamer analogs specific for biomolecules
Patent: US 5840867-A 50 24-NOV-1998;
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1 Similarity 92.9%; Pred. No. 1.7e+02;
13; Conservative 0; Mismatches 1;
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AR115327.1 GI:14095649
                                                               DNA
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Sequence 1683 from patent US 6132967.
AR115237
                                                            AR060806 17 bp I
Sequence 50 from patent US 5840867.
AR060806
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/organism="unknown"
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/organism="unknown"
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AR115237/c
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1 (Dases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
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Unclassified.
1 (bases 1 to 17)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
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Draper, K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: 105 5837542-A 1683 17-NOV-1998;
Location/Qualifiers
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Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 1855 17-NOV-1998;
Location/Qualifiers
                                                                                                                        Length 17;
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/organism="unknown"
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                                                                           /organism="unknown"
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1 (bases 1 to 17)

10ole,J.J., Latham,J., Bock,L.C. and Griffin,L.C.

Method for identifying an oligonucleotide aptamer specific for a target
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Roy,S. and Vehar,G.A.

NA concing tissue factor mutants useful for the treatment of myocardial infarction and coagulopathic disorders

Patent: US 5589363-A 3 31-DEC-1996;
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                                  /organism='Homo sapiens (human)'.
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Pred. No. 1.7e+02;
0; Mismatches 1;
    Location/Qualifiers
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Sequence 37 from patent US 5582981.
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/db_xref="taxon:9606"
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/organism="unknown"
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25-SEP-1998 US 60/101757
I JOHN E IANDERS, BARRA JORDAN DAVID E HOUSMAN, ALAIN CHAREST PC
C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
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Unclassified.
I (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular addesion molecule-1 (ICAM-1)
Patent: US 6132967-A 1855 17-OCT-2000;
Location/Qualifiers
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1 (Dases 1 to 17)
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Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 1773 17-OCT-2000;
Location/Qualifiers
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Pred. No. 1.7e+02;
0; Mismatches 1; Indels
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AR115409
AR115409.1 GI:14095731
                                                                                                                      /organism="unknown"
/wol_type="unassigned DNA"
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JP 2002525127-A/55.
Homo sapiens (human)
Homo sapiens
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Zea mays
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
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Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 1061 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
                                                                                                                                                                           Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and
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Patent: WO 0159103-A 3695 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt,
McSwiggen, James (US); Chowrira, Bharat M. (Location/Qualifiers
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/note="Nucleic Acid"
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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                  RNA
           Sequence 3695 from Patent W00159103. AX218253
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Sequence 1061 from Patent WO0157206.
AX227689
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Sequence 763 from Patent WO0192512.
AX324625
                                                                    AX218253.1 GI:15528314
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Best Local Similarity 92.95
Matches 13; Conservative
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AX324625/c
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Patent: WO 0066154-A 36 09-NOV-2000;
Arch Development Corporation (US); MRJ Trust (US); Mcleod, Rima W. (US); Roberts, Craig (GB); Roberts, Fiona (GB); Johnson, Jennifer (US)
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Pred. No. 1.7e+02;
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/mol_type="unassigned DNA"
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|mol_type="unassigned RNA"
|db_xref="taxon:32630"
|noFe="Nucleic Acid"
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                                                                                     AX045194 17 bp
Sequence 36 from Patent WO0066154.
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AX045194.1 GI:11343779
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Method and reagent for inhibiting the expression of disease related
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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92.9%; Pred. No. 1.7e+02;
tive 0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human posh-like protein 1
Patent: EP 1239051-A 1119 11-SEP-2002;
Aeomica, Inc. (US)
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Sequence 1646 from Patent EP1260586.
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/db_xref="taxon:9606"

    .17
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

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                         organism="Homo sapiens"
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AX531610
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Spermatophyta, Magnoliophyta, Liliopaida, Poales, Poaceae, PACCAD
clade, Panicoideae, Andropogoneae, Zea.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A 744 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD clade; Panicoideae; Andropogoneae; Zea.
                                                      Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A 763 06-DEC-2001;
UNIVERSITY OF DELAWARE US)
Location/Qualifiers
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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3.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1;
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Patent: EP 1239051-A 1113 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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AXS31604.1 GI:25254998
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Sequence 764 from Patent WO0192512.
AX324626
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/mol_type="unassigned DNA"
/db_xref="taxon:4577"
                                                                                                                                                                                                          /mol_type="unassigned DNA"
/db_xref="taxon:4577"
                                                                                                                                                                                        organism="Zea mays"
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Matches 13; Conservative
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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    .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/db_xref="taxon:10090"
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Mus musculus
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AX673910.1 GI:29332258
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    14 GTTGGAACATTTTC
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AX673910/c
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AX725761/c
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AX722631
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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RIBOZYME PHARMACEUTICALS, INC. (US)
                                                                                                                                                                      Sequence 1728 from Patent EP1260586. AX634589 GI:28470203
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Sequence 1891 from Patent EP1260586.
AX634752. GI:28470366
Mismatches
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/db_xref="taxon:32644"
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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                                     866 GITGGAACACITIC 879
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                        Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use treversion medicaments
Patent: WO 0302177-A 3245 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03040369-A 5823 15-MAX-2003;
        Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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92.9%; Pred. No. 1.7e+02;
tive 0; Mismatches 1;
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3.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1;
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Patent: WO 03040369-A 5168 15-MAY-2003;
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Sequence 5168 from Patent W003040369.
AX761847
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Best Local Similarity 92.99
Matches 13; Conservative
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AX762502
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                                                                                               Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
                                                                                                                                                                        Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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92.9%; Pred. No. 1.7e+02;
tive 0; Mismatches 1;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3245 from Patent WO03025177.
AX737655
Sequence 3448 from Patent WO03025176.
AX725761
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
                                                                            Mus musculus (house mouse)
                                        AX725761.1 GI:30505104
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AX731421.1 GI:30510764
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Best Local Similarity
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AX731421/c
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LOCUS
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ORGANISM
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AUTHORS
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Patent: WO 0192572-A 1136 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TA
KAGITA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
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W0 0192572-A/1136
06-DEC-2001
01-JUN-2001 W0 2001JP004662
01-JUN-2000 JF 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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                                                                              DANGE VEERAPANANE, SHOJI HAMANAKA, IWAO NOZAWA
CO7821/04, A61K29/00, A61K48/00
Strandedness: Single;
Topology: Linear;
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SHOGO MORIYA,MICHIO NISHIDA
C12Q1/68,C12M1/00,C12N15/09,G01N33/53
Description of Artificial Sequence:capture
Rev
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/organism='Unidentified'.
Location/Qualifiers
                                                                                                                                          Location/Qualifiers
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/organism="synthetic construct"
                                                                                                                                                                                                       1. .17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                29-AUG-1997 JP 1998520446
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WO 0192572-A/1136.
                   JP 2001503620-A/6
21-MAR-2001
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PI HIDETU
MAISUMURA,
PI SHOGO
PC C1201,
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                                                                                                                                                                                                                                                                             BD008665 1 dispersion of interleukin genes. BD008665.1 GI:18637038 DF 2001503620-A/2.
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                                                                                                                                            Gaps
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unidentified
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1 (bases 1 to 17)
Veerapanane, D., Hamanaka, S. and Nozawa, I.
Verapanane, D., Hamanaka, S. and Nozawa, I.
Verapanane, D., Hamanaka, S. and Nozawa, I.
Verapanane, D., 1201503620-4 6 21-MAR-2001;
HISAMITSU PHARMACEUTICAL CO INC
                                                                                                                                                                                                                                                                                                                                                                       unidentified
unclassified.

1 (bases I to 17)
Veerapanane, D., Hamanaka, S. and Nozawa, I.
Oligomers which inhibit expression of interleukin genes
Patent: JP 2001503620-A 2 21-MAR-2001;
HISAMITEU PHARMACEUTICAL CO INC
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Oligomers which inhibit expression of interleukin genes.
BD008669
                                                                                                             Length 17;
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                                                                                                                                        1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DANGE VEERAPANANE, SHOJI HAMANAKA, IWAO NOZAWA
CO7H21/04,A61K39/00,A61K48/00
Strandedness: Double;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism='Unidentified'
Location/Qualifiers
                                                                                                        Query Match
3.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
                                                           /mol_type="unassigned DNA"
/db_xref="taxon:9606"
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1. .17
/organism="unidentified"
/wol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001503620-A/6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unidentified
JP 2001503620-A/2
21-MAR-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Topology: Linear
                                                                                                                                                                    586 GTTCTGTTTTCTA 599
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AUTHORS
TITLE
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TITLE
JOURNAL
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BD202842 17-JUL-2003 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              02-APR-2002
24-MRR-1999 UP 2000541291
27-MRR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 17)

Wavoo, P.A., Roberts, B., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509711-A 5868 02-APR-2002;
BROZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5868
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PC
C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Method and reagent for treating diseases or conditions
                                                                                     'organism='Homo sapiens (human)'.
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Pred. No. 1.7e+02;
0; Mismatches 1; Indels
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                            participating in vasculogenic response
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participating in vasculogenic response
Key
                                                                                                                                                                                                                      3.1%; Score 12.4; DB 1;
92.9%; Pred. No. 1.7e+02;
iive 0; Mismatches 1;
                                               Location/Qualifiers

    .17
    /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                      Location/Qualifiers
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        concerning molecule
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JP 2002509721-A/5868.
Homo sapiens (human)
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Best Local Similarity 92.9:
Matches 13; Conservative
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Matches 13; Conserv
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PC A61
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                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 228
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TITLE
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BD202843
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

Bavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response

RIBOXYNE PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/760

PF 24-MAR-1999 JP 2000541291

PR 27-MAR-1999 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,

PI JAMES A MCSWIGGEN

CLINIS, OO, AGIR31/7089, AGIK31/7125, AGIK48/00, AGIP3/10, AGIP17/06, PC

AGIZONS, OO, AGIK31/7089, AGIK31/7125, AGIK48/00, AGIP3/10, AGIP17/06, PC
                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

1 (bases 1 to 17)

2 Li, W.B., Jesse, J. and Nisson, P.

Improved method for isolating and recovering target DNA or RNA molecules having a desired nucleotide sequence

1 Patent: JP 2002506352-A 6 26-FRB-2002;

2 PN JP 2002506352-A/6

PD 26-FRB-2002

PR 25-JUN-1998 UP 1999504983

PR 25-JUN-1997 US 60/050729

PR 25-JUN-1997 US 60/050729

PR C1201/68 JG1N3148

PC C1201/68 JG1N3148
                                          PAT 18-SEP-2002
DNA OF RNA
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

BD197734.
BD197734.1 GI:33007504
Homo sapiens (human)
Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ..
                            Inproved method for isolating and recovering target molecules having a desired nucleotide sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 17;
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81.2%; Pred. No. 1.7e+02;
iive 1; Mismatches 2;
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Topology: Linear;
Key Locati
                                                                                                                BD132806.1 GI:23227751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   693 CACTGTACCCTCCAGC 708
                                                                                                                                                         Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16 CACTGAAMCCTCCAAC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13; Conservative
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RESULT 226
BD132806/c
LOCUS
DEFINITION
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DEFINITION
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PAT 06-MAR-1998

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Knappik,A., Pack,P., Ilag,V., Ge,L., Moroney,S. and Plueckthun,A.
PROTEIN/(POLY)PEPTIDE LIBRARIES
Patent: WO 9708320-A 7 06-MAR-1997;
MORPHOSYS PROTEINOPTIMIERUNG (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 17;
                                                                                                                                                              linear
            Indels
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Stinchcomb.D.T. and McSwiggen,J.A.
Interleukin-2 receptor gamma-chain ribozymes
Patent: US 5807743-A 119 15-SEP-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
3.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                               DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 119 from patent US 5807743. AR039271
          Mismatches

    .17
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    /mol_type="unassigned DNA"
    /db_xref="taxon:32644"

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                                                                                                                                                        Sequence 7 from Patent W09708320.
A60699
                                                                                                                                                                                                                                                                                                                                                                                    Location/Qualifiers
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                                                                       1 crcrgaagaaarcrcc 17
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                                        841 CICIGAAGACAGCGICC
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Best Local Similarity
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JOURNAL
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                                                                                                                              Eukaryota, Metazoa; Chordata; Craniata, Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
S Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 5869 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2005509721-A/5869
PP 24-ARR-1999 JP 2000541291
PR 27-MRR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
       PAT 17-JUL-2003
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
BD202843 17-JUL-200 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 17)
Maurer-Pogyi., Withe-Castanon, J., Stratowa, C. and Hauptmann, R. Human manganese superoxide dismutase (hmn-SoD)
Patent: EP 0282899-A 17 21-SEP-1988;
BOBHRINGER INBELHEIM INFERNATIONAL GmbH
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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/organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="genomic_RNA"
/db_xref="taxon:9606"
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                                                               BD202843.1 GI:33012613
JP 2002509721-A/5869.
Homo sapiens (human)
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EBI 765.
A12194
A12194.1 GI:491297
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A12194
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linear
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PAT 29-SEP-1999

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Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Braper, K.G.
Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule 1 (ICAM-1)
Patent: US 6132967-A 1793 17-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                           Unknown.
Unclassified.
1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
                                                                                                                                                                                                                                                                                        Intercellular adhesion molecule-1 (ICAM-1) ribozymes Patent: US 5837542-A 1930 17-NOV-1998; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 3.1%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 1.8e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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3.1%; Score 12.2; DB 1; Length 1
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 1887 from patent US 6132967.
AR115441
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/organism="unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
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Unknown.
Unknown.
Unclassified.
I (bases 1 to 17)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 1793 17-NOV-1998;
Location/Qualifiers
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1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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Unknown.
Unclassified.
1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1571 06-OCT-1998;
Location/Qualifiers
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Patent: US 5837542-A 1887 17-NOV-1998;
Location/Qualifiers
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3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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AR057589
AR057589.1 GI:5983166
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AR057683
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/wol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Best Local Similarity 82.43
Matches 14; Conservative
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AR057589
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Regulation of repressor genes using nucleic acid molecules.
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         1 (bases 1 to 17)
Drama, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
Draper, K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132867-A 1887 17-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                     Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1) Patent: US 6132657-A 1930 17-0CT-2000; Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
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JP 2002541795-A/4283.
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                                         (C12P21/02,C12R1:91), (C12P21/02,C12R1:91),C12N15/00,C12N5/00,
A61K37/02,
(C12N5/00,C12R1:91)
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C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
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PC (CIZPZI/02, CIZRI:91), (CIZPZI/02, CIZRI:91), CIZNI5/00, CIZNS/00,
PC A6IK37/02,
PC (CIZNS/00, CIZRI:91)
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C12P21/02, C12P21/02//A61K31/711, (C12N5/10,C12R1:91), (C12P21/02,
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OS BUKATYCE SALATA INC.
PN JP 2002541795-A/4731
PD 10-DEC-2002
PF 11-APR-1999 US 60/129390
PI LAPRENUE BLATT, MICHAEL ZWICK, PAWELA PAVCO, JAMES MCSWIGGEN ICL2D15/09, A6IR38/00, A6IR48/00, A6IP43/00, A6IP43/00, C12N5/10, PC G12P21/02,
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unclassified.

1 (Dass 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.

Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 4731 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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Location/Qualifiers
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Location/Qualifiers
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1 Similarity 82.4%; Pred. No. 1.8e+02;
14; Conservative 0; Mismatches 3;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 2549 from patent US 6346398.
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Sequence 2073 from patent
AR186585
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AR188382
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S Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.

Regulation of repressor genes using nucleic acid molecules

Regulation of repressor genes using nucleic acid molecules

REGULATION OF PARAMACEUTICALS INC

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PN JP 2002541795-A/5400

PD 10-DEC-2002

PF 11-APR-2000 JP 2000611654

PR 11-APR-1999 US 60/129390

PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
CI2NIS/09, AGIK38/00, AGIK48/00, AGIR48/00, AGIR43/00, CI2NS/10, PC
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CI2R1:91),
PC (CI2P21/02,CI2R1:91),(CI2P21/02,CI2R1:91),CI2N15/00,CI2N5/00,
PC A61K37/02,
PC (CI2N5/00,CI2R1:91)
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1 (bases 1 to 17)
1 (bases to 17)
2 sinchoomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 1571 08-JUL-1997;
Location/Qualifiers
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Location/Qualifiers
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                                                                     BD257607
BD257607.1 GI:33067377
JP 2002541795-A/5400.
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Unclassified.

Unclassified.

Pavco.P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Pavco.P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2549 J2-FEB-2002;
                                                                                                                                                                                    Unclassified.

I (bases 1 to 17)

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2073 12-PEB-2002;

Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7586 12-FEB-2002;
Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Rethod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7587 12-FEB-2002;
Location/Qualifiers
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Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens.,
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AR195602
AR195602.1 GI:20245039
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/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="unassigned DNA"
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AR192098.1 GI:20238063
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I (bases 1 to 17)

Pavolo,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 5407 12-FBB-2002;
Location/Qualifiers
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1 (bases 1 to 17)

2 Abarco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 5486 12-FEB-2002;

Location/Qualifiers
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346389-A 8870 12-FEB-2002;
Location/Qualifiers
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Pred. No. 1.8e+02;
0; Mismatches 3;
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Sequence 5486 from patent US 6346398.
AR189998
AR189998.1 GI:20235963
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Sequence 5407 from patent US 6346398.
AR189919
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/organism="unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
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Best Local Similarity 82.49
Matches 14; Conservative
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Matches 14; Conserv
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1 (bases 1 to 17)

Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 618 20-MAY-2003;
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
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                                                                                                                                                                                Unclassified.

1 (bases 1 to 17)

Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 827 04-MAR-2003;
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82.4%; Pred. No. 1.8e+02;
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Sequence 618 from patent US 6566127.
AR323216
                                                          Sequence 827 from patent US 6528640.
                                                                                                                                                                                                                                                                                                              /organism="unknown"
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/organism="unknown"
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Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 67 26-FEB-2002;
Location/Qualifiers
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 819 04-MAR-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                           Ulcraeser 1 to 17)
Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Batulic-Adamic, J., Sweedler, D. and Zinnen, S. Syntheic ribonucleic acids with RNAse activity Patent: US 6528640-A 471 04-MAR-2003;
Location/Qualifiers
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82.4%; Pred. No. 1.8e+02;
ative 0; Mismatches 3;
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PAT 17-AUG-2003

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Unknown.
Unclassified.
1 (bases 1 to 17)
1 (bases to 17)
1 will sease or conditions
Pavoo,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Pavoo,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Parboo,B. and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 2377 20-MAY-2003;
Location/Qualifiers
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 3182 20-MAY-2003;
Location/Qualifiers
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
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Sequence 2377 from patent US 6566127.
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Sequence 3382 from patent US 6566127.
AR325980.1 GI:33711788
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Seguence 3383 from patent US 6566127.
AR325981
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/mol_type="unassigned RNA"
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AR324975.1 GI:33710783
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1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escopedo, J. McThod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 1637 20-MAY-2003;
Location/Qualifiers
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Unclassified.
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[base 1 to 17)

Favro, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor

Patent: US 6566127-A 2306_20-MAY-2003;
related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 1073 20-MAY-2003; Location/Qualifiers
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82.4%; Pred. No. 1.8e+02;
rative 0; Mismatches 3;
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Sequence 1637 from patent US 6566127.
AR324236 GI:333710043
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PAT 17-AUG-2003

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Unknown.
Unclassified.
Unclassified.
I (bases I to 17)

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: Us 556612.7-A 6672 20-MAY-2003;

Location/Qualifiers
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Heckl,K., Spevak,W., Ostermann,E., Zophel,A., Krystek,E.,

Maurer-Poyy,I., Wiche-Castanon,M.J., Stratowa,C. and Hauptmann,R.

Human mangares superoxide dismutase (hMn-SOD)

Patent: US 5240847-A 21 31-AUG-1993;

Location/Qualifiers
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Unclassified.
1 (bases 1 to 17)
Xnappik,A., Pack,P., Ge,L., Moroney,S. and Pluckthun,A.
Protein/(poly)peptide libraries
Patent: US 6300064-A 7 09-OCT-2001;
Location/Qualifiers
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                       AR329270 17 bp RNA
Sequence 6672 from patent US 6566127.
AR329270
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AR363926
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                                                                                 AR329270.1 GI:33715078
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                                                                                                                                                                                                                                                                                                                                                               l Similarity 82.4%;
14; Conservative
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AR369047
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AR363926
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TITLE
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FEATURES
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FEATURES
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1 (bases 1 to 17)

1 (bases 1 to 17)

2 WGWiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor

Patent: US 6566127-A 5477 20-MAY-2003;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (Jases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Patco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
France, McSwiggen, J.A., Stinchcomb, D.T. and Escopedor related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 5467 20-MAY-2003;
Location/Qualifiers
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32.4%; Pred. No. 1.8e+02;
ve 0; Mismatches 3;
                                                                                                      Score 12.2; DB 1;
Pred. No. 1.8e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                               17 bp RNA
US 6566127.
Patent: US 6566127-A 3383 20-MAY-2003;
Location/Qualifiers
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US 6566127.
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/mol_type="unassigned RNA"
                                                                   /mol_type="unassigned RNA"
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                                                   /organism="unknown"
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Sequence 5477 from patent
AR328075
AR328075.1 GI:33713883
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Sequence 5467 from patent
                                                                                                                                                                         524 ACTITCCCAACATCCTC 540
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3.1%;
Best Local Similarity 82.4%;
Matches 14; Conservative (
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Matches 14; Conserv
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AR328075/c
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Matches

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PAT 18-DEC-2003

linear

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Gaps

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Indels

Length 17;

PAT 18-DEC-2003

linear

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Tobases 1 to 17)
Brennan, T.M., Chatelain, F. and Berninger, M.
Method and apparatus for performing large numbers of reactions using array assembly with releasable primers
Patent: US 6632641-A 23 14-OCT-2003;
Location/Qualifiers
                                                                                                                                                                                   1 (bases 1 to 17)
Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulio-Adamic, J., Sweedler, D. and Zinnen, S. Oligoribonucleotides with enzymatic activity Patent: Location/Qualifiers
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The Control of the Control of the Control of 
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82.4%; Pred. No. 1.8e+02;
live 0; Mismatches 3;
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82.4%; Pred. No. 1.8e+02;
ive 0; Mismatches 3;
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17 bp R1
Sequence 826 from patent US 6617438.
AR398445
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                                                                                                                                                                                                                                                                                                                                                  /organism="unknown"
/mol_type="unassigned RNA"
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AR408828
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/organism="unknown"
/mol_type="genomic DNA"
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                                                                         AR398445.1 GI:40136264
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Best Local Similarity 82.4
Matches 14; Conservative
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AR434003
                                 DEFINITION
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TITLE
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KEYWORDS
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Unclassified.
Unclassified.

E I (bases 1 to 17)
S Beigelman, L. Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Oligoribonuclectides with enzymatic activity
AL Patent: US 6617438-A 470 09-SEP-2003;
Location/Qualifiers
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                                                                                                 Query Match 3.1%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 1.8e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Oligoribonuclectides with enzymatic activity
Patent: US 6617438-A 818 09-SEP-2003;
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Pred. No. 1.8e+02;
0; Mismatches 3;
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AR398437
AR398437.1 GI:40136249
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US 6617438.
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/organism="unknown"
/wol_type="unassigned RNA"
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/organism="unknown"
/mol_type="unassigned RNA"
                                                    /mol_type="unassigned DNA"
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           1. .17
/organism="unknown"
                                                                                                                                                                                                                                                                                                                                                                     Sequence 470 from patent AR398089 GI:40135616
                                                                                                                                                                                        753 CAGGGTCCCTAGGCCTC 769
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82.4%;
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PAT 07-SEP-2001
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
patent: WO 0159103-A 3330 16-AUG-2001;
RIBOZYME PHARMACEUTCALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
                                                                                                                                                    Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and
                                                                                                                                                                                              Patent: WO 0159103-A 237 16-AUG-2001;
Patent: WO 0159103-A 237 16-AUG-2001;
RIBOZYME PHARMACEUTCALS, INC. (US) ; Blatt, Lawrence (US)
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
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ilarity 82.4%; Pred. No. 1.8e+02;
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/noTe="Nucleic Acid"
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Seguence 3533 from Patent W00159103.
AX218091
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17 bp F Sequence 237 from Patent WO0159103. AX214795
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Brennan, T.M., Chatelain, F. and Berninger, M.
Method and apparatus for performing large numbers of reactions
using array assembly
Patent: WO 0127327-A 23 19-APR-2001;
Protogene Laboratories, Inc. (US)
Location/Qualifiers
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Gu,Y. and Shamon, M.E.

Gu,Y. and Shamon, M.E.

Isoforms of human pregnancy-associated protein-E

Isoforms of human pregnancy-associated protein-E

patent: US 6656700-A 427 02-DEC-2003;

Location/Qualifiers
                                                          ch 3.1%; Score 12.2; DB 1;
1 Similarity 82.4%; Pred. No. 1.8e+02;
14; Conservative 0; Mismatches 3;
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Sequence 427 from patent US 6656700.
AR434004
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Sequence 23 from Patent WO0127327.
AX133964 AX133964.1 GI:14139905
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/organism="unknown"
/wol_type="genomic DNA"
                            /mol_type="genomic DNA"
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Best Local Similarity 82.4
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G. Randi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1219 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (G
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Pred. No. 1.8e+02;
organism="synthetic construct"
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AX422883
AX422883.1 GI:21526265
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                                                                                                                                        0; Mismatches
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Seidman,M.M. and Majumdar,A.
Stablishment of cellular manipulations which enhance
oligo-mediated gene targeting
Patent. WO 0173001-A 3 04-0CT-2001;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
1. 17
                                 Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and
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                                                                          nogo gene expression
Patent: WO 0159103-A 3533 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="unassigned RNA"
/mol_type="unassigned"
/noFe="Nucleic Acid"
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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Sequence 3 from Patent WO0173001
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artificial sequences.
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artificial sequences.
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AUTHORS
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SOURCE

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PAT 27-SEP-2002
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                                 Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                              Zhang, J.

Human kidney tumor overexpressed membrane protein
Patent: WO 0224750-A 560 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human testis expressed patched like protein
Patent: EP 1229046-A 455 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 45 11-SEP-2002;
                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 455 from Patent EP1229046.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 45 from Patent EP1239051.
AX530536
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Location/Qualifiers
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Homo sapiens
               Homo sapiens (human)
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AX530536/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 109 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human kidney tumor overexpressed membrane protein 1

Patent: WO 0224750-A 528 28-MAR-2002,

Aeomica, Inc. (US)

Location/Qualifiers
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AX475307
AX475307.1 GI:22214592
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX475339
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                    17 GGCCACAGTCTCTCTCG 1
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   652 GACCTCAGICTITCICG
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Homo sapiens
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AX474888
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AX475307/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: BP 123961-A 1027 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1112 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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                                                                               AX531518 17 bp DN Sequence 1027 from Patent EP1239051.
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AX531862.1 GI:25255499
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    .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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 1 TTCTCCGGAGACAGCTT 17
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Homo sapiens
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Best Local Similarity
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                                                                 AX531518/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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82.4%; Pred. No. 1.8e+02;
ative 0; Mismatches 3;
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3.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3;
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Patent: EP 1239051-A 714 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1239051-A 717 11-SEP-2002;
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AX531205
AX531205.1 GI:25254203
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Location/Qualifiers
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Homo sapiens (human)

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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel—I (clca—1)
Patent: WO 0211674-A 498 14-FEB-2002;
RIBOZYMS PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3;
                                                     ch 3.1%; Score 12.2; DB 1; Score 12.2; DB 1; Similarity 82.4%; Pred. No. 1.8e+02; 14; Conservative 0; Mismatches 3;
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Patent: EP 1239051-A 1925 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Sequence 1925 from Patent BP1239051.
AX532416
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AX578660.
AX578660.1 GI:27647862
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
   Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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3.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3;
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Patent: EP 1239051-A 1887 11-SEP-2002;
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Patent: BP 1239051-A 1888 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1888 from Patent EP1239051.
AX522379 AX532379.1 GI:25256535
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EP1239051.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Location/Qualifiers
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Sequence 1887 from Patent
AX532378
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PAT 10-JAN-2003

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Woolf,T. Method and reagent for inhibiting the expression of disease related
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequence 1109 from Patent WO03004526.
AX672664.1 GI:29331012
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                                                                                                                                                                                                                                                                                                                                                               Patent: EP 1260586-A 1943 27-NOV-2002;
                                                          17 bp RN Sequence 1943 from Patent EP1260586.
                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="unidentified"
/mol_type="unassigned RNA"
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Location/Qualifiers
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Location/Qualifiers
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                                                                                                                   PAT 21-FEB-2003
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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RIBOZYME PHARMACEUTICALS, INC. (US)
                                                                                                         Sequence 1768 from Patent EP1260586.
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Sequence 1858 from Patent EP1260586.
AX634719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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Best Local Similarity 82.4%;
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AX634629
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Length 17;

PAT 08-MAY-2003

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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                  Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 3032177-A 1139 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression,
reversion, apoptosis and/or virus resistance and their
medicines
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3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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3.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                        Patent: EP 1281758-A 503 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 3815 from Patent WO03025176.
AX726128
AX726128.1 GI:30505471
                                                                                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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    /organism="Mus musculus"
/mol_type="unassigned DNA"
    /db_xref="taxon:10090"

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Homo sapiens
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TITLE
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                                                                            Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
AX673264.1 GI:29331612
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Homo sapiens
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 03037931-A 244 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
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Human anglomotin-like protein 1.

Patent: WO 03037931-A 245 08-MAY-2003;

Amersham blosciences SV Corp. (US)

Location/Qualifiers
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AX753898.1 GI:32166595
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 Mismatches
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Shannon, M. and Phan, T.
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Matches 14; Conservative (
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AX753898
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 303025177-A 2257 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments

Patent: WO 30302177-A 4866 27-MAR-2003;
Molecular Engines Laboratories (FR)

Location/Qualifiers
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Pred. No. 1.8e+02;
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Sequence 2257 from Patent W003025177.
AX736667
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1. .17
/organism="Homo sapiens"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity
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AX736667
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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tive 0; Mismatches 3;
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Sequence 2806 from Patent WO03040369.
AX759485
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2654 from Patent WO03040369.
AX759333
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db xref="taxon:9606"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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82.4%; Pred. No. 1.8e+02;
tive 0; Mismatches 3;
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Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                             Patent: WO 03040369-A 2806 15-MAY-2203;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03040369-A 6130 15-MAY-2003;
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Patent: WO 030502844A 252 19-UUN-2003;
Amersham Biosciencee (SV) Corp. (US)
Location/Qualifiers
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Sequence 6130 from Patent WO03040369.
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/db_xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 6061 from Patent W003040369.
AX762740
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                               AX762592 17 bp DNA Sequence 5913 from Patent WO03040369.

    .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

    .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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  Location/Qualifiers
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AX762592.1 GI:32257208
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PAT 17-JUL-2003

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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

18 Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

Method and reagent for Leating diseases or conditions concerning releant: JP 2002509721-A 5738 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

O Homo sapiens (human)

PN JP 200250971-A/5788

PD 02-APR-2002

PF 24-MAR-1999 UP 2000541291

PR 27-MAR-1999 US 60/079678

PI PAMEL A PAYCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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Location/Qualifiers
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    17 / Organism='Artificial Sequence'

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Pred. No. 1.8e+02;
0; Mismatches 3;
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Location/Qualifiers

    1.17
    forganism="synthetic construct"
/mol_type="genomic DNA"
    /db_xref="taxon:32630"

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Sequence 148 from patent US 5861244.
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/organism="Homo sapiens'
/mol_type="genomic RNA"
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                                                      Location/Qualifiers
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molecule participating in
BD202712.1 GI:33012482
JP 2002509721-A/5738.
Homo sapiens (human)
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82.4%;
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Best Local Similarity 82.4<sup>§</sup>
Matches 14, Conservative
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Best Local Similarity 82.4
Matches 14; Conservative
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Patent: WO 0192572-A 603 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
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Patent: WO 0192572-A 855 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TA
*RAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and Nishida, M.
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synthetic construct
artificial sequences.
lbase 1 to 17.
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and Nishida,M.
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01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
                                                                                                                                                                                                                                                                                                                              WO 0192572-A/603
06-DEC-2001
01-JUN-2001 WO 2001JP004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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Description of Artificial Sequence:capture
                                                                                                                                                                                                                                                                                                                                                                                                                                       SHOGO MORIYA, MICHIO NISHIDA
C12Q1/68, C12M1/00, C12N15/09, G01N33/53
Description of Attificial Sequence: capture
Key
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                17 bp DNA
Kit and method for determining HLA type.
BD104499
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/organism="synthetic construct"
/mol_type="genomic DNA"
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WO 0192572-A/855
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WO 0192572-A/855.
                                                                           BD104499.1 GI:22650073
WO 0192572-A/603.
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CC DESCY
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PD 06-DB
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                                                                                                                                                                  PAT 17-AUG-2003
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                   Unknown.
Unclassified.
Unclassified.

(I (bases I to 15)
Pavco, P.s. McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Pavco, P. McSwiggen, for the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 4136 20-MAY-2003;
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                 Indels
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 100.0%; Pred. No. 1.6e+02;
tive 0; Mismatches 0;
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                                                                                                                                                                  AR326734 15 bp RNA Sequence 4136 from patent US 6566127.

    .15
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/organism="unknown"
/mol_type="unassigned RNA"
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Sequence 38 from Patent WO0210454.
AX374617
AX374617.1 GI:19169514
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Best Local Similarity 100.
Matches 12; Conservative
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Best Local Similarity 100.
Matches 12; Conservative
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Unclassified.
1 (Joseph 1 to 15)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggen, Gr. the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 63461398-A 8481 12-FEB-2002;
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Unknown.
Unclassified.
1 (bases 1 to 13)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 271 19-UAN-1999;
Location/Qualifiers
                                                               Unknown.
Unclassified.
Unclassified.

I (bases 1 to 12)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 148 19-JAN-1999;
Location/Qualifiers
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llarity 100.0%; Pred. No. 1.2e+02;
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Sequence 271 from patent US 5861244.
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/organism="unknown"
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                                    unidentified
unidentified
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1 (Dases 1 to 15)

Blatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

E shart, conditions related to hepatitis C virus infection
L Patent: pp 2002512791-A 2386 08-MAY-2002;
RIBOZYME PHARMACEUTICALS INC
OS Hepatitis virus (Repatitis C virus)
PP 2002512791-A/2386
PP 26-APR-1999 UP 2000545991
PR 27-APR-1999 UP 2000545991
PR 27-APR-1999 US 60/003217, 18-SEP-1998 US 60/100842 PR 25-FEB-1999 US 09/257608, 23-MAR-1999 US 09/257608, 23-MAR-1999 US PAVCO, DEAMER BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI
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C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
A61K37/66,
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Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and Stinchkomb,D.T. Stromelysin targeted ribozymes
Patent: US 5612215-A 455 18-MAR-1997;
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Key Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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              BD208796.1 GI:33018566
JP 2002512791-A/2386.
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Bathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4364 12-FEB-2002;
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Unclassified.
Unclassified.
(Abase 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Mcthod and reagent for the treatment of diseases or conditions
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                                                                                                                                                     Unclassified.

1 (bases 1 to 17)

Draper, K.G., Pavco, P., McSwiggen, J., Gustofson, J. and Branchcomb, D.T.
Method of reducing stromelysin RNA via ribozymes
Patent: US 5731295-A 455 24-MRR-1998;
Location/Qualifiers
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100.0%; Pred. No. 1.9e+02;
ive 0; Mismatches 0; Indels
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Sequence 4364 from patent US 6346398.
AR188876 GI:20234841
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US 6346398.
17 bp Di
Seguence 455 from patent US 5731295.
194292
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/organism="unknown"
/mol_type="unassigned DNA"
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PAT 17-AUG-2003
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1 (bases 1 to 17)

2 Acco.p., McSwigen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
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                                                                                                                                                                         Unclassified.

1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 6919 20-MAY-2003;
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tive 0; Mismatches 0;
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AR329519
AR329519.1 GI:33715327
                                        Sequence 6919 from patent US 6566127. AR329517
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/organism="unknown"
/mol_type="unassigned RNA"
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Unclassified.
Unclassified.
1 (Dases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 2.132 20-MAY-2003,
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unclassified.

1 (bases 1 to 17)

1 (bases 1 to 17)

2 (bases 1 to 17)

3 (bases 1 to 17)

4 Mcthod and reagnet for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 2131 20-MAY-2003;

Location/Qualifiers
related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4365 12-FEB-2002; Location/Qualifiers
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Sequence 2131 from patent US 6566127.
AR324729 AR324729.1 GI:33710537
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/mol_type="unassigned RNA"
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/wol_type="unassigned RNA"
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/wol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 883 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Patent: WO 0157206-A 1060 09-AUG-2001;
    RIBOZYME PHARMACEUTICALS, INC. (US);
    Fattaey, Ali R.
Location/Qualifiers

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Seguence 1060 from Patent WO0157206.
AX227688
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Sequence 884 from Patent WO0173002.
AX263493
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Sequence 883 from Patent WO0173002.
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Bee, G.G., Yang, Y.Y., Kolk, D., Giachetti, C. and McDonough, S.H. Detection of HIV-1 by nucleic acid amplification

Patent: US 6623920-A 18 23-SEP-2003;

Location/Qualifiers
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                                                                                               Query Match 3.0%; Score 12; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 1.9e+02; Matches 12; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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 Patent: US 6566127-A 6921 20-MAY-2003;
Location/Qualifiers
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AX074105
AX074105.1 G1:12710317
                                                  /organism="unknown"
/wol_type="unassigned RNA"
                                                                                                                                                                                                                                                                                     AR400946 17 bp
Sequence 18 from patent US 6623920.
AR400946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unknown"
/mol_type="genomic DNA"
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synthetic construct
artificial sequences.
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Best Local Similarity 92.3
Matches 12; Conservative
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Best Local Similarity 92.3
Matches 12; Conservative
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Unclassified.
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AR400946/c
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                        3.0%; Score 12; DB 1; Length 17; 100.0%; Pred. No. 1.9e+02; iive 0; Mismatches 0; Indels
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100.0%; Pred. No. 1.9e+02;
ive 0; Mismatches 0;
                                                           Patent: WO 03025176-A 5858 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025175-A 297 27-MAR-2003;
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AX729053
                                                                                                                                   organism="Mus musculus"
/mol type="unassigned DNA"
/db_xref="taxon:10090"
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/db_xref="taxon:9606"
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Location/Qualifiers
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Homo sapiens
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Matches 12; Conservative
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                   Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                       Kmiec, B.B., Gamper, H.B. and Rice, M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 01700-1.8 884 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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3.0%; Score 12; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0;
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                 AX263493.1 GI:16512292
                                                   Homo sapiens (human)
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PAT 08-MAY-2003

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Length 17;

PAT 08-MAY-2003

linear

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Gaps

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RESULT 344 AX731812 LOCUS

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DEFINITION ACCESSION VERSION REFERENCE AUTHORS TITLE

JOURNAL

FEATURES

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KEYWORDS SOURCE

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PAT 23-JAN-2000
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLICONUCLENCINE PREPARATION METHOD PATENT: WO 9833904-A 1663 06-AUG-1998;
BICGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
                                                                                                                                                                                                      unclassified.

1 (bases 1 to 15)

Brysch, W. and Schlingensiepen, K. An ANTISENSE OLIGONUCLECTIDE PREPARATION METHOD PARALL: WO 9833904-A 323 06-AUG-1998;
BLOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
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Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2;
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Sequence 1663 from Patent WO9833904.
A89515
A89515.1 GI:6738085
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 323 from Patent EP0856579.
A90142
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 323 from Patent WO9833904.
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Best Local Similarity 86.7%
Matches 13; Conservative
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15 TGGAGGATCCCCAGG 1
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                                                       RESULT 346
A88175
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Location/Qualifiers
                                                                                                                                                                                                                                                                     PAT 08-MAY-2003
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                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                       Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
                                                                                                                  Gaps
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Nucleotide sequence 55 from patent number WO8402918.
814749
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                                                                              Query Match 3.0%; Score 12; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 1.9e+02; Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                          linear
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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1 (bases 1 to 15)
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Homo sapiens
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Query Match

à g A14749/c LOCUS DEFINITION

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ACCESSION VERSION KEYWORDS SOURCE

Matches

PAT 22-JAN-2000

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PAT 29-SEP-1999

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1 (bases 1 to 15)
Sullivan,S., Drapper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
THF-alpha. ribozymes
Patent: US 5811300-A 638 22-SEP-1998;
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S.
Draper,K.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 397 17-NOV-1998;
Location/Qualifiers
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Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2;
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Sequence 399 from patent US 5837542.
AR056195
AR056195.1 GI:5981772
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                                                                                                     AR041848 15 bp DR Sequence 638 from patent US 5811300. AR041848  AR041848.1 GI:5962344
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/organism="unknown"
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/mol_type="unassigned DNA"
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541 TGCTCCTAGGCCTCC 555
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1 (bases 1 to 15)
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AR056195
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AR041848/c
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TITLE
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AR056193
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Lowe, J.B., Lennon, G., Rouquier, S., Giorgi, D. and Kelly, R.J.
GDP-L-fucose: .beta.-D-galactoside 2-.alpha.-L-fucosyltransferases,
DNA sequences encoding the same, method for producing the same and
a method of genotyping a person
Patent: US 5807732-A 22 15-SEP-1998;
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Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 5865253-A 404 09-FEB-1999;
Location/Qualifiers
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3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
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86.7%; Pred. No. 1.8e+02;
cive 0; Mismatches 2; Indels
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    1 (bases 1 to 15)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation method
Parent: EP 08565/9-A 323 05-AUG-1998;
BIOGNOSTIK GES (DE)
                                                                                                                                                                                                                                                                                                                                                 DNA
                                                                                                                                                                                                                                                                                                                                         Sequence 404 from patent US 5869253. AR033638
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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/db_xref="taxon:32644"
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Sequence 22 from patent US 5807732.
AR039092
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/organism="unidentified"
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Best Local Similarity
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Unclassified.
1 (bases 1 to 15)
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1 (bases 1 to 15)
Draper,K.G.

Method and reagent for inhibiting hepatitis C virus replication patent: US 6132966-A 404 17-0CT-2000;
Location/Qualifiers
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Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
Draper, K.G.
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Patent: US 5837542-A 402 17-NOV-1998;
Location/Qualifiers
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Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                              3.0%; Score 11.8; DB 1; Length 15; 86.7%; Pred. No. 1.8e+02; vative 0; Mismatches 2; Indels
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Sequence 404 from patent US 6132966.
AR113460
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Best Local Similarity 86.77
Matches 13; Conservative
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Best Local Similarity
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                                                                                                                             Unknown.
Unclassified.
I (bases 1 to 15)
I (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6123267-A 397 17-0cT-2000;
Location/Qualifiers
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Ribozyme treatment of diseases or conditions related to levels of Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 399 17-OCT-2000;
Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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Sequence 402 from patent US 6132967.
AR113956
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Sequence 399 from patent US 6132967.
AR113953
15 bp Dr
Sequence 397 from patent US 6132967.
AR113951
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/organism="unknown"
/wol_type="unassigned DNA"
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Stinchcomb, D.T., Drapèr, K.G. and McSwiggen, J.
Rel a targeted tribozymes
Batent: US 5658780-A 285 19-AUG-1997;
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AX495997
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Sequence 285 from patent US 5658780.
161731
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Sequence 391 from Patent EP1260586.
AX633252
AX633252.1 GI:28468866
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Unclassified.
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AX633252
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G. Ribozyme treatment of diseases or conditions related to levels intercellular adhesion molecule-1 (ICAM-1) Patent: US 6132967-A 402 17-OCT-2000; Location/Qualifiers
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Draper, K.G.
Brzymetic RNA molecule targeted against Hepatitis C virus Patent: US 5610054-A 404 11-MAR-1997;
Location/Qualifiers
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Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
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Unclassified.
1 (bases 1 to 15)
Stinchcomb, D. T., Draper, K.G. and McSwiggen, J.
Stinchcomb, D. T. Draper, K.G. and McSwiggen, J.
Patent: US 5658780-A 96 19-AUG-1997;
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157867
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Sequence 96 from patent US 5658780.
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/organism="unknown"
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Best Local Similarity 86.7%
Matches 13; Conservative
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PAT 07-0CT-1997
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 02059256-A 1762 01-AUG-2002;
MOLECULAR ENGINES LAB (FR)
Location/Qualifiers
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AX636036.1 GI:28471650
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                                                                                   Method and reagent for inhibiting the expression of disease related
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and
   Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Storswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                       Patent: EP 1260586-A 391 27-NOV-2002;
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Sequence 396 from Patent EP1260586.
AX633257

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Sequence 393 from Patent BP1260586.
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Location/Qualifiers
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Kaswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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86.7%; Pred. No. 1.8e+02;
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 3364 from Patent EP1260586.
AX636225 1 GI:28471839
                                                                                                                                    Patent: BP 1260586-A 396 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 3175 from Patent EP1260586.
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BD207371 17-JUL-2003 Enzymatic nucleic acid treatment of diseases or conditions related
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Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
An antisense oligonucleotide preparation method
Datent: JP 2001511000-A 1663 07-AUG-2001;
BIOCANOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown
PN JP 2001511000-A/1663
PN JP 2001511000-A/1663
PN JP 30-JAN-1999 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINDENSIEPEN, WOLFGANG BRYSCH
PC CL2N15/11,007H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH Ker
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KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH

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    Method and reagent for inhibiting the expression of disease related
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Schlingensiepen, K.H. and Brysch, W.
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ON JP 2001511000-A/323
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86.7%; Pred. No. 1.8e+02;
ative 0; Mismatches 2; Indels
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BD065688
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86.7%; Pred. No. 1.8e+02;
ative 0; Mismatches 2;
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                                          Patent: EP 1260586-A 3364 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
1. .15
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Sequence 4482 from Patent BP1260586.

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/organism="unidentified"
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/db_xref="taxon:32644"

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JP 2001511000-A/323.
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Matches 13; Conservative
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Best Local Similarity 86.7
Matches 13; Conservative
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Best Local Similarity 86.73
Matches 13; Conservative
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In Chases 1 to 15)

Belatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

Belatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

Brit, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

Brit, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

Brit, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

Roberts, C. virus, Infection

Brit, L., Mcswiggen, J.A., 2005

Roberts, Inc.

Roberts, Inc.

Roberts, Inc.

Roberts, Paracelle C. virus, D.

Roberts, Roberts, Roberts, P.A.

Roberts, Roberts, Paracelle C.

Roberts, Roberts, Paracelle C.

Roberts, Roberts, Paracelle C.

Roberts, D. Constant, James A. Mcswiggen, Elisabeth Roberts, Pamela A. Pi
                   E LICES 1 (10 15)

Blatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

Braymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection

L. Patent: JP 2002512791-A 961 08-MAY-2002;

RIBOZYME PHARMACEUTICALS INC

OS Hepatitis (hepatitis C virus)

PD 08-MAY-2002

PP 20-APR-1999 UP 200545991

PR 27-APR-1999 US 60/083217, 18-SEP-1998 US 60/100842 PR 25-FEB-1999 US 09/257608, 23-MAR-1999 US 09/257608, 23-MAR-1999 US PR 25-FEB-1999 US PR 25-FEB-1999
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BD2/matic nucleic acid treatment of diseases or conditions related to bepatitis C virus infection.
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A61K37/66,
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A61K37/66,
C12N15/00
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hepatitis C virus infection.
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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BD209015.1 GI:33018785
JP 2002512791-A/2605.
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Best Local Similarity 86.74
Matches 13, Conservative
     unclassified.
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BD209015/c
                                                           AUTHORS
TITLE
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Unclassified.
1 (bases 1 to 16)
Goodearl, A.D.J. and Glucksmann, M.Alexandra.
Methods for detecting nucleic acid molecules encoding a member of the muscarinic family of receptors
the muscarinic family of receptors
Patent: US 6093545.A 26 25-UTL-2000;
Location/Qualifiers
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/organism='Hepatitis virus (hepatitis C
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Pred. No. 1.9e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                  Indels
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Nucleic acids encoding lymphoid CD30 antigen
Batent: US 5866372-A 5 02-FEB-1999;
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86.7%; Pred. No. 1.8e+02;
Live 0; Mismatches 2;
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/organism="unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                 AR031533 16 bp
Sequence 5 from patent US 5866372.
AR031533
                                                                   1. .15
/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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(C12P1/02,C12R1:91),C12N15/00,C12N5/00
Strandedness: Single;
Strandedness: Single;
Topology: Linear;
G protein-coupled receptor and utilization thereof FH Key
Location/Qualifiers
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PN JP 2001525174-A/10
PD 11-DEC-201
PF 04-DEC-1998 US 08/042780 PI
PR 04-DEC-1997 US 08/985090,17-MAR-1998 US 09/042780 PI
ANDREW D J GOODEARL,ALEXANDRA M GLUCKSMANN,MICHAEL XIE,PETER PI
DISTERANO
PC C12N15/09,C07K14/705,C07K16/28,C12N5/10,C12P21/02,C12Q1/68//
PC C12N15/09,C07K14/705,C07K16/28,C12N5/00
CC Strandedness: Single;
CC Topology: Linear;
CC G protein-coupled receptor and utilization thereof FH Key
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1 (bases 1 to 16)
Goodearl, A.D. J., Glucksmann, A.M., Xie, M. and Distefano, P. Goodearl, -A.D. J., Glucksmann, A.M., Xie, M. and Distefano, P. Eatent: JP 2001525774-A 10 11-DEC-2001;
MILENNIUM PHARMACEUTICALS INC
PN JP 2001525174-A/10
PD 11-DEC-2001
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3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
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3.0%; Score 11.8; DB 1; Length 1
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                 Beger, C., Barber, J. and Wong-Staal, F.
Brca-1 regulators and methods of use
Patent: WO 0170982-A 213 27-SEP-2001;
Immusol Incorporated (US); Beger, Carmela (DE)
Location/Qualifiers
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Location/Qualifiers
                                                                                                                                                                                            1.16 // Organism="synthetic construct" // Arganism="synthetic construct" // Mol. type="unassigned DNA" // Aref="taxon:32630" // Note="Synthetic oligonucleotide"
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JP 2001525174-A/10.
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                                                 synthetic construct artificial sequences.
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Methods and compositions relating to sodium channel betala subunits
Patent: WO 0123571-A 4 05-APR-2001;
THE REGENTS OF THE UNIVERSITY OF MICHIGAN (US); Ortho-McNeil
Pharmaceutical, Inc. (US)
Location/Qualifiers
                                                                                               PAT 30-APR-2001
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Methods and compositions relating to sodium channel beta-la
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/noTe="RT-PCT primer sequence unique to Beta 1A"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
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/note="RT-PCR primer sequence unique to blA"
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Ortho-McNeil Pharmaceutical, Inc. (US)
Location/Qualifiers
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Sequence 213 from Patent WO0170982.
                                                                                        AX105633 16 bp
Sequence 4 from Patent WO0123571.
AX105633
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Sequence 4 from Patent WO0123570.
AX111731.1 GI:13927981
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REFERENCE AUTHORS TITLE JOURNAL FEATURES

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James 1 to 15)
Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J. TNF-, alpha. ribozyman, B. 22-SEP-1998;
Patent: US 5811300-A 83 22-SEP-1998;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 15)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 85 06-OCT-1998;
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2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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2.9%; Score 11.4; DB 1;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1;
           DB 1;
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           Score 11.4; DB 1
Pred. No. 2e+02;
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Sequence 21 from patent US 6194144.
AR131437.1 GI:14120340
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Sequence 85 from patent US 5817796.
AR044292 GI:5966757
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               2.9%;
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Best Local Similarity 92.3
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AR045292/c
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PATENT: WO 8705631-A 10 24-SEP-1987;
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Cantor,C.R., Przetakiewicz,M., Smith,C.L. and Sano,T.
Method for replicating an array of nucleic acid probes
Patent: US 5795714-A 1 18-AUG-1998;
                                                                                               Uncleasified.
Unclassified.
1 (bases 1 to 14)
Apple, R.J., Erlich, H.A., Griffith, R.L. and Scharf, S.J.
Apple, R.J., Erlich, H.A., Griffith, R.L. and Scharf, S.J.
Methods and reagents for HLA Dubeta DNA typing
Patent: US 5567809-A 63 22-OCT-1996;
Location/Qualifiers
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2.9%; Score 11.4; DB 1;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1;

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/db_xref="taxon:32630"

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5795714.
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Sequence 63 from patent US 5567809.
127891
127891.1 GI:1818667
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/organism="unknown"
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AR023476
AR023476.1 GI:3976770
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synthetic construct
artificial sequences.
1 (bases 1 to 15)
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oligonucleotide.
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A12452.1 GI:512651
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Matches 12; Conserv
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ACCESSION VERSION KEYWORDS AUTHORS TITLE JOURNAL

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REFERENCE

PAT 29-SEP-1999

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PAT 16-MAY-2001

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PAT 26-SEP-2002
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Koster,H., Tang,K., Fu,D.-J., Siegert,C.W., Little,D.P., Braun,A.,
Darnhofer-Demar,B., Jurinke,C. and Van den Boom,D.
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targetd ribozymes
Patent: US 5646042-A 85 08-JUL-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.9%; Score 11.4; DB 1; Length 15; 92.3%; Pred. No. 2e+02; tive 0; Mismatches 1; Indels
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Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W. Gene expression profiles in normal and cancer cells Patent: US 6331152-A 672 25-DEC-2001;
Location/Qualifiers
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AR180604
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/mol_type="unassigned DNA"
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Sequence 31 from patent US 6428955.
AR221850
AR221850.1 GI:23328965
                                                                              15 bp 1
Sequence 85 from patent US 5646042.
152344
                                                                                                                                                                                                                                                                                                /mol_type="unassigned DNA"
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/organism="unknown"
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AR221850
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AR180604/c
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Pred. No. 2e+02;
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Unclassified.
1 (Dases 1 to 15)
Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 1199 27-FEB-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                  15 bp DNA Sequence 1199 from patent US 6194150.
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DNA sequences by mass spectrometry
Patent: US 6238871-A 21 29-MAY-2001;
Location/Qualifiers
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Xoster,H.
DNA sequencing by mass spectrometry
Patent: US 6194144-A 21 27-FEB-2001;
Location/Qualifiers
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 21 from patent US 6238871.
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/mol_type="unassigned DNA"
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AR154243.1 GI:15122296
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AR132774.1 GI:14121679
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Best Local Similarity 92.3
Matches 12; Conservative
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Indels

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PAT 30-MAY-2001

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Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their use in diagnostic and therapeutic applications
Patent: EP 1088900-A 87 04-APR-2001;
Epidauros Biotechnologie AG (DE)
                                                                                                                                                                                                                                                               Hustert, E., Wojnowski, L. and Eiselt, R.
Polymorphisms in the human cypsa4, cypsa7 and hpxr genes and their
use in diagnostic and therapeutic applications
Patent: EP 1088900-A 86 04-APR-2001;
Epidauros Biotechnologie AG (DE)
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92.3%; Pred. No. 2e+02;
iive 0; Mismatches 1;
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Pred. No. 2e+02;
0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="DNA"
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 87 from Patent BP1088900.
AX137013
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Sequence 86 from Patent EP1088900.
AX137012.1 GI:14273359
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AX137013/c
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AX328534
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Polymorphisms in the human cyp3a4 and cyp3a7 genes and their use in diagnostic and therapeutic applications
Patent: WO 0120025-A 55 22-MAR-2001;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Pred. No. 2e+02;
0; Mismatches 1; Indels
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2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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    DNA diagnostics based on mass spectrometry Patent: US 6428955-A 31 06-AUG-2002; Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/note="artificial"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="artificial"
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Sequence 54 from Patent WO0120025.
AX098747
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Best Local Similarity 92.3%;
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PAT 30-MAY-2001

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Method and reagent for inhibiting the expression of disease related
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Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Lin, C.Y., Lin, R.W., You, C.M., Huang, H.H., Lee, B.H., Lee, H.H., Lin, Y.J., Fan, C.C., Hsu, H.C., Shih, C.W., Yeh, C.H., Kao, Y.F., Pan, C.L., and Chan, P.
Method and detector for identifying subtypes of human papilloma
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JP 2002507883-A/31.
Synthetic construct
synthetic construct
artificial sequences.

(bases 1 to 15)
Boom,D.V.D., Untinke,C. and Rupert,A.

Boom,D.V.D., Vurinke,C. and Rupert,A.

DNA diagnosis method based on mass spectrometry
Patent: JP 2002507883-A 31 12-MAR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol type="genomic DNR"
/mol type="genomic DNR"
/morf="taxon:32630"
/nofe="Oligonucleotide for Identifying HPV 62"
                                                                                                                                                                                                                                        ch 2.9%; Score 11.4; DB 1; Length 15; 1 Similarity 92.3%; Pred. No. 2e+02; 12; Conservative 0; Mismatches 1; Indels
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BD132099
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King Car Food Industrial Co., Ltd. (TW)
Location/Qualifiers
                                                                                           Patent: EP 1260586-A 3882 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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/organism="unidentified"
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/db_xref="taxon:32644"
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Sequence 376 from Patent BP1302550.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
                                                                                                                                                                       Koester, H., Little, D.P., Braun, A., Jurinke, C., van den Boom, D., Xiang, G., Lough, D.M., Ruppert, A. and Hillenkamp, F. Dna diagnostics based on mass spectrometry Patent: EP 164203-A 31 19-DEC-2001; SEQUENCM, INC. (US)
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llarity 92.3%; Pred. No. 2e+02;
Conservative 0; Mismatches 1; Indels
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/organism="Homo sapiens"
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    .15
    /organism="unidentified"
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    /db_xref="taxon:32644"

Sequence 31 from Patent EP1164203.
AX328534
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Sequence 8 from Patent W00212499.
AX377344.
AX377344.1 GI:19573630
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                                                            AX328534.1 GI:18101733
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AX636743
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RESULT 395

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AUTHORS JOURNAL

TITLE

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E 1 (bases 1 to 15)

Blatt, L. Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

Blatt, L. Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

Braymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection

I. Patent: JP 2002512791-A 1904 08-MAY-2002;

RIBOZYME PHARMACEUTCALS INC

OS Hepatitis virus (hepatitis C virus)

PN JP 2002512791-A/1904

PD 08-MAY-2002

PP 26-ARP-1999 US 60/083217, 18-SEP-1998 US 60/100842 PR 27-ARP-1999 US 60/257608, 23-MAR-1999 US 09/257608, 23-MAR-1999 US PR 27-ARP-1999 US PR 27-ARP-1999
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BD208314
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CIZN15/00
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32.3%; Pred. No. 2e+02;
lve 0; Mismatches 1; Indels
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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Urufuganku, D. and Joseph, R.
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JP 1999318498-A/5
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JP 1999318498-A/5.
765 GCCTCCACTTCTG 777
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08/744590 PR
08/787639 PR
08/947801 PI HUBE
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PI DIRK VAN DEN BOOM, CHRISTIAN JURINKE, ANDREAS RUPERT PC
C12Q1/68, C07H21/00, C07F9/24
CC Strandedness: Single;
CC Topology: Unknown;
FH Key
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            PD 12-MAR-2002
PF 06-NOV-1997 JP 1998521832
PR 06-NOV-1996 US 08/744481, 06-NOV-1996 US 08/746590
06-NOV-1996 US 08/746055, 06-NOV-1996 US 08/746590
23-JAN-1997 US 08/786988, 23-JAN-1997 US 08/787639
19-SEP-1997 US 08/933792, 08-OCT-1997 US 08/947801
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Location/Qualifiers
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    .15
/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"

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/organism="synthetic construct"
/mol_type="genomic DNR"
/db_xref="taxon:32630"
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                      Unknown.
Unclassified.
1 (Dases 1 to 16)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Pavco,P., McSwiggent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 5881 20-MAY-2003;
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Improved method for primer extension preamplification-por Patent: EP 0957177-A 5 17-NOV-1999;
ROCHE DIAGNOSTICS GMBH (DE)
Location/Qualifiers
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2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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    Pred. No. 2.2e+02;
0; Mismatches 1,
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Sequence 5881 from patent US 6566127.
AR328479
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="unknown"
/wol_type="unassigned RNA"
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Sequence 50 from Patent WO0179487.
AX284085
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Sequence 5 from Patent EP0957177.
AX011282
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    ilarity 92.3%;
Conservative
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Best Local Similarity 92.3
Matches 12; Conservative
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Best Local Similarity
Matches 12; Conserv
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1 (bases 1 to 16)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 5765_20-MAY-2003;
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    16 /organism='Artificial Sequence'

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1 (bases 1 to 16)

Dietmaier.W. and Ruschoff, J.

Method of primer-extension preamplification PCR
Patent: US 6365375-A 5 02-APR-2002;

Location/Qualifiers
        24-NOV-1999
26-MAR-1999 JP 1999084967
26-MAR-1998 DE 19913317:0
URUFUGANKU DIETOMAIYA, JOSEPH RUSSHOFU
C12Q1/68, C12N15/09, C12N15/00
                                                                                                                                                                                                                                           Query Match 2.9%; Score 11.4; DB 1; Best Local Similarity 92.3%; Pred. No. 2.2e+02; Matches 12; Conservative 0; Mismatches 1;
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92.3%; Pred. No. 2.2e+02;
tive 0; Mismatches 1;
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    16.16
    forganism="synthetic construct" | //organism="genomic DRA" | //db_xref="taxon:32630"

                                                                                                   Location/Qualifiers
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Sequence 5765 from patent US 6566127.
AR328363
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/organism="unknown"
/mol_type="unassigned RNA"
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/mol_type="unassigned DNA"
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Sequence 5 from patent US 6365375.
AR203384
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Nakamura, Y. and Furukawa, Y.
Hepatocellular carcinoma-related genes and polypeptides, and method for detecting hepatocellular carcinomas
Patent: WO 0302732-A 44 03-APR-2003;
The President of the University of Tokyo (JP); Oncotherapy Science, Inc. (JP)
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Hepatocellular carcinoma-related genes and polypeptides, and method
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Human papilloma virus inhibition by antisense oligonucleotides.
BD225192
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/organism="synthetic construct"
/orl_type="genomic DNA"
/db xref="taxon:32630"
/note="an artificially synthesized oligonucleotide
                  for detecting hepatocellular cardinoms
for detecting hepatocellular cardinoms
Patent: WO 03027322-A 39 03-APR-2003;
The President of the University of Tokyo (JP) ; Oncotherapy
Science, Inc. (JP)
Location/Qualifiers
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92.3%; Pred. No. 2.2e+02;
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Polydesoxyribonucleotides for inhibiting the expression of the icam-1-gene latent: WO 0179487-A 51 25-OCT-2001;
Degitz, Klaus Karl (DE); Besch, Robert (DE)
Location/Qualifiers
1. 16
/organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/db xref="taxon:32630"
/note="Reschreibung der kunstlichen Sequenz:Polydesoxyribonukleotid"
                                                                                                                                                        Degitz, K.K. and Besch, R. Polydesoxyribonucleotides for inhibiting the expression of the
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/note="Beschreibung der kunstlichen
Sequenz:Polydesoxyribonukleotid"
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Patent: WO 0179487-A 50 25-OCT-2001;
Degitz, Klaus Karl (DE); Besch, Robert (DE)
Location/Qualifiers
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AX741135
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                                                                                                                                      Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
Patent: WO 03040369-A 2654 15-WAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                                                                                                 Zhang,J.
Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 560 28-MAR-2002;
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                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db xref="taxon:9606"
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Location/Qualifiers
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                                                                                  Homo sapiens (human)
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  PD 02-APR-2002

PF 03-SEP-1998 JP 2000510858

PR 05-SEP-1997 US 08/929140

PI JOSEPH DIPAGLO, LUIS ALVAREZ SALAS

PC CIZNIS/09, A61K31/7125, A61K48/00, A61P35/00//C07K14/025, C12N9/00, PC
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Dipaclo, J. and Salas, L.A.
Human papilloma virus inhibition by antisense oligonucleotides Patent: JP 2002509692-A, 7 02-APR-2002;
THE UNITED STATES OF AMERICA.
OS Human papilloma virus 16
PN JP 2002509692-A/7
PD 02-APR-2002
PF 03-SEP-1998 JP 2000510858
PR 03-SEP-1997 US 08/920140
PL JOSEPH DIPACLO, LUIS ALVAREZ SALAS
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Pred. No. 2.2e+02;
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Pred. No. 2.2e+02;
0; Mismatches 1;
02-APR-2002
3-SEP-1998 JP 2000510858
05-8EP-1997 US 08/929140
JOSEPH DIPAOLO, LUIS ALVAREZ SALAS

    .16
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002509692-A/7.
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1 (bases 1 to 16) Gryaznov, S.M. and Lloyd, D.H. Oligonucleotide clamps

REFERENCE AUTHORS TITLE

PAT 12-AUG-2002

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AX475339 17 bp Sequence 560 from Patent W00224750.

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Unclassified.

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1 sommens, J.M. and Kerem, B.-s.
Introns and exoms of the cystic fibrosis gene and mutations thereof Patent: US 6001588-A 23 14-DEC-1999;
Location/Qualifiers
1. 16
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              PAT 29-SEP-1999
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Teui,L.-C., Rommens,J.M. and Kerem,B.-s.
Methods for screening for mutations at various positions in the introns and exons of the cystic fibrosis gene Patent: US 5981778-A 23 09-NOV-1999;
Location/Qualifiers
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81.2%; Pred. No. 2.4e+02;
tive 0; Mismatches 3; Indels
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Seguence 23 from patent US 5981178.
AR084447
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Sequence 23 from patent US 6001588.
AR093889.1 GI:10020635
        16 bp
Sequence 6 from patent US 5830658.
AR051238
AR051238.1 GI:5974602
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Best Local Similarity 81.2
Matches 13; Conservative
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                                                                                                                                                       Gryaznov, S.M.
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Gryaznov, S.M. and Lloyd, D.H.
Oligonuclectide clamps having diagnostic and therapeutic
applications
Patent: US 5817795-A 6 06-OCT-1998;
Location/Qualifiers
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Brzezinski, R., Dery, C.V. and Beaulieu, C.
Thermostable xylanase DNA, protein and methods of use Patent: US 5871730-A 20 16-FEB-1999;
Location/Qualifiers
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                                                                                           2.8%; Score 11.2; DB 1; Length 16;
81.2%; Pred. No. 2.4e+02;
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/organism="unknown"
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 Patent: US 5741643-A 6 21-APR-1998;
Location/Qualifiers
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Sequence 20 from patent US 5871730.
AR035160
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5817795.
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AR045207
AR045207.1 GI:5966672
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PAT 06-FEB-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Convergent synthesis of branched and multiply connected macromomolecular structures
Patent: US 521677-A 6 05-NOV-1996;
Location/Qualifiers
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81.2%; Pred. No. 2.46+02;
cive 0; Mismatches 3; Indels
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Saito,Y., Noguchi,Y., Yoshikawa,K. and Soeda,S.
Vector derivatives of gluconobacter plasmid pF4
Patent: US 6399340-A 26 04-UUN-2002;
Location/Qualifiers
                                                                                                  Query Match
2.8%; Score 11.2; DB 1;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3;
              1. .16
/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                                         Sequence 6 from patent US 5571677.
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/organism="unknown"
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Gryaznov, S.M.
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Unclassified.
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Tsutomu,K., Haruo,T., Yukio,Y., Seina,H., Hiroaki,T., Shogo,E. and
Fumiko,W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PAT 03-APR-1996
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CIZN15/09, C07K14/32, C07K14/47, C12N1/21//C12P21/02, (C12N1/21,
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KI TAKAGI,
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1 (bases 1 to 16)
Gryaznov, S.M. and Lloyd, D.H.
Gryaznov, S.M. and selamps having diagnostic applications Patent: us 5473060-A 6 05-DEC-1995;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Novel collagen-like protein
Patent: JP 1999178574-A 13 06-JUL-1999;
TOYOTA CENTRAL RES & DEV LAB INC, HIGETA SHOYU CO LTD
OS Unidentified
PN JP 1999178574-A/13
PD 06-JUL-1999
PF 22-DEC-1997 JP 1997353216
                                                                          Length 16;
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                                                                Query Match
2.8%; Score 11.2; DB 1;
Best Local Similarity 81.2%; Pred. No. 2.46+02;
Matches 13; Conservative 0; Mismatches 3;
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81.2%; Pred. No. 2.4e+02;
ative 0; Mismatches 3;
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/organism="unknown"
/wol_type="unassigned DNA"
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(C12P21/02,C12R1:08),C12N15/00
Strandedness: Single;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                     Novel collagen-like protein.
                                                                                                                                                              541 TGCTCCTAGGCCTCCC 556
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Best Local Similarity 81.2%
Matches 13, Conservative
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PAT 20-DEC-2002

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1 (bases 1 to 16)
Dubensky,T.W. Jr., Polo,J.M., Belli,B.A., Schlesinger,S.,
Dryga,S.A. and Frolov,I.
Recombinant alphavirus-based vectors with reduced inhibition of cellular macromolecular synthesis
Patent: US 6465634A 86 15-OCT-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Recombinant alphavirus-based vectors with reduced inhibition of cellular macromolecular synthesis
Patent: US 6592874-A 85 15-JUL-2003;
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                                                   Length 16;
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81.2%; Pred. No. 2.4e+02;
tive 0; Mismatches 3;
                                                   Match 2.8%; Score 11.2; DB 1; Local Similarity 81.2%; Pred. No. 2.4e+02; es 13; Conservative 0; Mismatches 3;
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Sequence 85 from patent US 6592874.
AR352254 GI:33758991
                                                                                                                                                                                                                                 16 bp | Sequence 85 from patent US 6465634.
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/organism="unknown"
/wol_type="genomic DNA"
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/mol_type="genomic DNA"
/organism="unknown"
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1 (bases 1 to 16)
Schlesinger, S. and
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Best Local Similarity 81.2
Matches 13; Conservative
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Dubensky, T. W. Jr., Polo, J. M., Belli, B.A., Schlesinger, S.,
Dryga, S.A. and Frolov, I.
Recombinant alphavirus-based vectors with reduced inhibition of cellular macromolecular synthesis
Patent: US 6458160-A 85 01-OCT-2002;
Location/Qualifiers
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Dubensky, T.W. Jr., Polo, J.M., Belli, B.A., Schlesinger, S.,
Dryga, S.A. and Frolov, I.
Recombinant alphavirus-based vectors with reduced inhibition of cellular macromolecular synthesis
Patent: US 6451592-A 85 17-SEP-2002;
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                                                                                                    Unclassified.

1 (bases 1 to 16)

Dubensky,T.W. Ur., Polo,J.M., Schlesinger,S. and Frolov,I.
Alphavirus structural protein expression cassettes

Patent: US 6426196_A 85 30-JUL-2002;
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Sequence 85 from patent US 6451592.
AR230660.
AR230660.1 GI:27271428
     Sequence 85 from patent US 6426196.
AR221233
AR221233.1 GI:23328129
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/wol_type="genomic DNA"
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/organism="unknown"
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PAT 17-AUG-2003

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West Nile virus
Viruses; ssRNA positive-strand viruses, no DNA stage; Flaviviridae;
Flavivirus; Japanese encephalitis virus group.
                                                          Markoff, L. and Zeng, L.
Dengue viruses that are replication defective in mosquitos as vaccines
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Use of recombinant parainfluenza viruses (pivs) as vectors to
protect against infection and disease caused by piv and other human
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                                                                                                                                                                                                                    Fatent: WO 0142445-A 28 14-JUN-2001;
The Secretary of the Department of Health and Human Services (US)
Location/Qualifiers
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/organism="synthetic construct"
/organism="unassigned DNA"
/db xref="taxon:32630"
/noTe="Oligomer insert for rule-of-six conformity"
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                                                                                                                                         Murphy, B.R., Collins, P.L., Schmidt, A.C., Durbin, A.P.,
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Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3;
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81.2%; Pred. No. 2.4e+02;
live 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/boxref="texon.32630"
/note="Oligonukleotidsonde"
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AX552598
AX173374 16 bp
Sequence 28 from Patent WO0142445.
AX173374 GI:14598149
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AX349227
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Recombined alpha virus-base vector with reduced inhibition of
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PC CL2N15/09, A61K35/76, A61K48/00, C12N1/15, C12N1/19, C12N1/21 PC
, C12N15/00, C12N15/00, C12N5/00, C12N15/00, C12N15/00,
Patent: WO 02074963-A 14 26-SEP-2002;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
Location/Qualifiers
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1 (bases 1 to 16)
Jr.T.W.D., Polo,J.M., Belli,B.A., Schlesinger,S., Dryga,S.A. and
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Patent: JP 2001519165-A 85 23-OCT-2001;
CHINDAN CORP, WASHINGTON UNIVERSITY
OS Unidentified
DP 2001519165-A/85
DP 3-OCT-2001
PP 06-OCT-1998 JP 2000515020
PR 06-OCT-1998 JP 2000515020
PR 06-OCT-1997 US 08/944465
PI THOMAS, W DUBBNSKY JR, JOHN M POLO, BARBARA A BELLI, SONDRA SCHLESINGER,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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Location/Qualifiers
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2.8%; Score 11.2; DB 1;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3;
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/organism="West Nile virus"
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/db_xref="taxon:11082"
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BD078828 BD078828 GI:22624431
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/organism="unidentified"
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/db_xref="taxon:32644"
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543 CICCIAGGCCICCCA 558
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Recombinant alphavirus-based vectors with reduced inhibition of cellular macro-modecular synthesis

Batent: JP 2001521369-A 85 06-NOV-2001;

CHIRON CORP, MASHINGTON UNIVERSITY

OS Unidentified

PN JP 2001521369-A/85

PD 06-NOV-2001

PF 04-APR-1996 US 08/628594,24-JUN-1996 US 08/668953 PR

12-APR-1996 US 08/628594,24-JUN-1996 US 08/68953 PR

12-APR-1996 US 08/628594,24-JUN-1996 US 0
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                                                                                                                        BD085655 16 bp DNA linear PAT 27-AUG-2002 Recombinant alphavirus-based vectors with reduced inhibition of cellular macro-molecular synthesis.
                                                                                                                                                                                                                                                                                                                                unclassified.
1 (bases 1 to 16)
Jr,T.W.D., Polo,J.M., Belli,B.A., Schlesinger,S., Dryga,S.A. and
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Patent: JP 2001321190-A 1394 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
OS Artificial Sequence
PN JP 2001321190-A/1394
PD 20-NOV-2001
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81.2%; Pred. No. 2.4e+02;
ative 0; Mismatches 3; Indels
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    .16
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/db_xref="taxon:32644"

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BD085655.1 GI:22631265
JP 2001521369-A/85.
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Submitted (21-NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE Gaston Cremieux, 91057 Evry cedex, FRANCE PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante-info.infobiogen.fr).
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Arabidopsis thaliana T-DNA flanking sequence, left border, clone
083F08.
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Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G.,
Lepiniec, L., Caboche, M. and Lecharny, A.
T-DNA integration into the Arabidopsis genome depends on sequences
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AJ524874
LGI:26793110
Left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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/db xref="taxon:3702"
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/clone_lib="Arabidopsis thaliana T-DNA insertion lines"
12-MAR-2001 JP 2001068285
EIICHI SOBDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
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C Description of Artificial Sequence:Synthetic DNA
Location/Qualifiers
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    16 / Organism="synthetic construct"
/ nol_type="genomic DNA"
/ dD_xref="taxon:32630"

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/note="T-DNA flanking sequence
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BMBO Rep. 3 (12), 1152-1157 (2002)
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// Organism="synthetic construct"
// organism="synthetic construct"
// organism="synthetic DNA"
// organism=
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Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8875, Uapan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
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A BAC-based STS-content map spanning a 35-Mb region of human
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    Length 16;
Query Match 2.8%; Score 11.2; DB 1; Length 1
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
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Genomics 74 (1), 55-70 (2001)
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AB069093.1 GI:15129897
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2 (bases 1 to 16)
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Search completed: March 8, 2004, 10:59:54 Job time : 3 secs

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us-10-016-149-3 398 1 acaacccacagtaccaatac.....gatgcacttacttctcagct 398

Title: Perfect score: Sequence:

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872 Total number of hits satisfying chosen parameters:

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Minimum DB seq length: 8 Maximum DB seq length: 50

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|           |                | Appl     | Appl        | Appl      | Appl      | Appl            | App             | 07,                  | Appl              | Appl              | App1             | App1       | Appl     | Appl     | App1     | Appl     | App]            | App]             | Appl               | Appl             | App1               | Appl               | App1               | Appl               | Appl               | Appl               | Appl       | Appl               | Appl      | Appl               | Appl       | Appl     | App1              | App]     |
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| SUMA      |                | 129-60   | -10-646-843 | US-10-647 | US-08-091 | US-08-463-958-1 | US-08-651-405-1 | US-60-507-511-202307 | PCT-US02-34654A-4 | PCT-US02-34654A-4 | CT-US02-34654A-5 | PCT-US02   | PCT-US02 | PCT-US02 | PCT-US02 | PCT-US02 | PCT-US02-34654A | PCT-US02-34654A- | PCT-US02-34654A-58 | PCT-US02-34654A- | PCT-US02-34654A-60 | PCT-US02-34654A-61 | PCT-US02-34654A-62 | PCT-US02-34654A-63 | PCT-US02-34654A-64 | PCT-US02-34654A-65 | PCT-US02   | PCT-US02-34654A-67 | PCT-US02- | PCT-US02-34654A-69 | PCT-US02   | PCT-US02 | PCT-US02-34654A-7 | CT-US02  |
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| 6 17 1 US-10-310-188-81610 Sequence 81. 6 17 1 US-60-328-205-1115 Sequence 1. 6 17 1 US-60-328-205-1115 Sequence 1. 6 18 1 US-00-310-188-8135 Sequence 27. 6 19 1 US-08-965-620-1082 Sequence 6. 7 1 US-08-965-620-1082 Sequence 10. 7 20 1 US-09-965-620-1082 Sequence 6. 8 20 1 US-09-965-620-1082 Sequence 6. 8 20 1 US-09-514-000-881 Sequence 84. 8 20 1 US-09-749-7288-58 Sequence 5.   | .6 20 1 US-09-824-322B-446 Sequence 444<br>.6 20 1 US-09-986-381-6 Sequence 6,<br>.6 20 1 US-10-647-918-446 Sequence 444<br>.6 20 1 US-10-652-795-446 Sequence 154<br>.6 19 1 PCT-US03-04123-150 Sequence 154<br>.6 19 1 PCT-US03-04123-335 Sequence 333       | 6 19 1 PCT-0503-16651-376 Sequence 374<br>6 19 1 US-0508-159A-29 Sequence 29,<br>6 19 1 US-10-206-705-150 Sequence 33,<br>6 19 1 US-10-206-705-335 Sequence 33,<br>6 19 1 US-10-206-705A-150 Sequence 15,<br>6 19 1 US-10-206-705A-335 Sequence 33,<br>6 19 1 US-110-310-18A-33-347 Sequence 33,                         | 6 19 1 US-10-444-925-376 Sequence 378-66 20 1 PCT-US00-04340-68 Sequence 13.   6 20 1 PCT-US01-48341A-13 Sequence 13.   6 20 1 PCT-US01-48431-13 Sequence 13.   6 20 1 PCT-US03-20865-3376 Sequence 33.   6 20 1 PCT-US03-20865-3383 Sequence 33.  | 20 1 PCTT-US03-30374-846 Sequence 844<br>20 1 PCTT-US03-30374-922 Sequence 184<br>6 20 1 PCTT-US97-12955-18 Sequence 184<br>6 20 1 US-08-721-6128-15 Sequence 15,<br>6 20 1 US-08-721-6122-15 Sequence 15,<br>6 20 1 US-08-721-6120-15 Sequence 15,<br>6 20 1 US-08-721-6120-15 Sequence 15,<br>6 20 1 US-08-721-6120-15 Sequence 15,   | 6 20 1 US-09-135-309-6 Sequence 6, 20 1 US-09-446-024-22 Sequence 2, 20 1 US-09-446-024A-22 Sequence 2, 20 1 US-09-446-024A-22 Sequence 6, 20 1 US-09-507-209-68 Sequence 6, 20 1 US-09-511-526-4281 Sequence 1, 20 1 US-09-752-287A-2 Sequence 1, 20 1 US-10-176-277-15 Sequence 1, 20 1 US-10-176-277-176-277-176-176-176-176-176-176-176-176-176-1  | 6 20 1 US-10-176-277-52 Sequence 53 (6 20 1 US-10-206-406A-1 Sequence 1, 6 20 1 US-10-298-123-35 Sequence 1, 6 20 1 US-10-298-123-36 Sequence 66 20 1 US-10-298-123-66 Sequence 66 20 1 US-10-313-778-651 Sequence 66 20 1 US-10-316-242-36 Sequence 56 20 1 US-10-317-270-59 Sequence 56 20 1 US-10-317-270-132 Sequence 56 20 1 US-10-317-270-132 Sequence 56 20 1 US-10-317-270-132 Sequence 56 20 1 US-10-571-305-245  | 5 20 1 US-10-671-395-922 Sequence 93<br>5 20 1 US-10-674-11123 Sequence 11<br>5 20 1 US-00-100-004A-5 Sequence 11<br>5 17 1 PCT-USO2-16840-5640 Sequence 56,<br>5 17 1 VCT-USO2-16840-640 Sequence 56,<br>5 17 1 US-08-455-632-1573 Sequence 15;<br>5 17 1 US-08-477-920-1573 Sequence 15;<br>5 17 1 US-08-477-920-1573 Sequence 15;<br>5 17 1 US-08-455-632-1573 Sequence 15;   | 5 17 1 US-09-531-025A-1579 Sequence 73 17 1 US-09-638-385-733 Sequence 73 17 1 US-09-636-385-733 Sequence 73 17 1 US-09-656-347-733 Sequence 73 17 1 US-09-656-347-733 Sequence 73 17 1 US-09-666-347-1579 Sequence 73 17 1 US-09-668-347-1579 Sequence 55 17 1 US-09-684-754A-3386 Sequence 55 17 1 US-09-848-754A-3386 Sequence 73 17 1 US-09-848-754A-3386 Sequence 73 17 1 US-09-877-478-733 Sequence 73 17 1 US-09-877-478-73 Sequence 73 18 1 US-09-877-478-73 Sequence 73 18 18 18 18 18 18 18 18 18 18 18 18 18  |
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US-09-676-052-47/c

Sequence 47, Application US/09676052

Sequence 47, Application US/09676052

Sequence 47, Application US/09676052

Sequence 47, Application US/09676052

APPLICANT: Skinner, Michael K.

APPLICANT: Patton, Jodi L.

TITLE OF INVENTION: DETERMINING EMBORAL COPY NUMBER OR EXPRESSION LEVEL OF TITLE OF INVENTION: LIPID-ASSOCIATED GENES

FILE REPERENCE: PATRICK EAGLENAN: EMBOL-X 252/124

CURRENT APPLICATION NUMBER: US/09/676,052

CURRENT APPLICATION NUMBER: 2000-09-28

NUMBER OF SEQ ID NOS: 95

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 47

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US-10-338-777-363

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US-10-430-882-444

US-10-430-882-744

US-10-631-10-784

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Best Local Similarity 100.0%;
Matches 24; Conservative 0;
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APPLICANT: Patton, Jodi L.

TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
TITLE OF INVENTION: DETERMINING ABDORMAL COPY NUMBER OR EXPRESSION LEVEL OF
TITLE OF INVENTION: LIPID-ASSOCIATED GENES
FILE REPERBUCE: PATRICK EAGLEMAN: BMBOL-X 252/124
CURRENT APPLICATION NUMBER: US/10/646,843
CURRENT PAILING DATE: 2003-08-25
PRIOR FILING DATE: 2003-08-25
PRIOR PILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 95
SOFTWARE: PATENTIN Ver. 2.0
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TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
TITLE OF INVENTION: A METHOD OF DETERMINING ABDORMAL COPY NUMBER OR EXPRESSION LEVEL OF
TITLE OF INVENTION: LIPID-ASSOCIATED GENES
FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
CURRENT APPLICATION NUMBER: US/10/647,426
CURRENT APPLICATION NUMBER: US/09/676,052
PRIOR FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 95
SOFTWARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6.0%; Score 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  717 GGAGAGTGACTCTGGTCATAGGAC 740
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APPLICANT: Skinner, Michael K.
                    Sequence 47, Application US/10646843 GENERAL INFORMATION:
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; Sequence 16, Application US/08091941
                                                                   APPLICANT: Skinner, Michael K. APPLICANT: Patton, Jodi L.
                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 24; Conservative
JS-10-646-843-47/c
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LENGTH: 24
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LENGTH: 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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APPLICANT: Tischfield, Jay A.
APPLICANT: Seilhamer, Jeff
TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
TITLE OF INVENTION: Mammalian phospholipase A2 Nucleotide
TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
TITLE OF INVENTION: Encoded Thereby
CORRESPONDENCES: 40
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GENERAL INFORMATION:
APPLICANT: Tischfield, Jay A.
APPLICANT: Scilhamer, Jeffrey J.
TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
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STREET: 200 East Broward Boulevard
CITY: Fort Lauderdale
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100.0%; Pred. No. 26;
tive 0; Mismatches 0; Indels
                                                                                                                                                             ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster
ADDRESSEE: Russell PA
STREET: 200 East Broward Boulevard
                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OMPRATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/091,941
FILING DATE: 1-JUL-1993
CLASSIFICATION: 435
ATTONREY/AGENT INPORMATION:
NAME: MADRO: PETER 32,264
REGISTRATION NUMBER: 32,264
REFERENCE/DOCKET NUMBER: 32,264
REFERENCE/DOCKET NUMBER: 32,264
REFERENCE/DOCKET NUMBER: 30,264
RELEPHONE: 305-27-24996
TELEFRAK: 305-764-4996
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                            : 200 East Broward Boulevard Fort Lauderdale
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 5.5%
Best Local Similarity 100.0
Matches 22; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
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ZIP: 333
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STATE:
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RESULT 6

US-08-651-405-16/c

JOH-651-405-16/c

Sequence 16, Application US/08651405

GENERAL INFORMATION:

APPLICANT: Tischfield, Jay A.

APPLICANT: Stilhamer, Jeffrey J.

TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide

TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences

TITLE OF INVENTION: Brooded Thereby, Antisense Sequences and Nucleotide

TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites

NUMBER OF SEQUENCES: 44

CORRESPONDENCE ADDRESS:

ADDRESSEE: Russell PA

ADDRESSEE: Russell PA

ADDRESSEE: Russell PA

ADDRESSEE: Russell PA
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651,405
                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/097,354
FILING DATE: 26-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Manso, Peter J.
REGISTRATION NUMBER: 32,264
REFERENCE/DOCKET NUMBER: IN21044-5
TELECOMMUNICATION INFORMATION:
TELEFHONE: 305-527-2498
TELEFHONE: 305-764-4996
INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,958
FILING DATE:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/097,354
FILING DATE: 26-UUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: MAISO, PETER J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       522 ATACTTTCCCAACATCCTCTGC 543
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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REGISTATION NUMBER: 32,264
REFERENCE/DOCKET NUMBER: INC
TELECOMMUNICATION:
TELEPHONE: 305-527-2498
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TELEFAX: 305-764-4996
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
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APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
ITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RISP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT PILING DATE: 2003-02-28
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: APIRESBUS MOULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: TEXP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR PELICING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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100.0%; Pred. No. 42;
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Antisense Oligonucleotide PCT-US02-34654A-49
                                                                 PCT-US02-34654A-49/c
; Sequence 49, Application PC/TUS0234654A
GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 11
PCT-US02-34654A-51/c
; Sequence 51, Application PC/TUS0234654A
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PCT-USO2-34654A-50/c; Sequence 50, Application PC/TUSO234654A; GENERAL INFORMATION:
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APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     511 CCACAGTACCAATACTTTCC 530
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                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.(
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 50
LENGTH: 20
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APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RISP-0427
CURRENT APPLICATION WUMBER: PCT/US02/34654A
CURRENT APPLICATION WUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
PRIOR FILING DATE: 2001-11-01
SEQ ID NOS: 84
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Mounts, William M
TITLE OF INVENTION: WOCKER ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
FILE REFERENCE: AM 10.081
FULE REFERENCE: AM 10.081
CURRENT APPLICATION WUMBER: US/60/507,511
CURRENT FILING DATE: 2003-10-02
NUMBER OF SEQ ID NOS: 203623
SOFTWARE: Patentin version 3.2
SEQ ID NO 202307
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26;
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Pred. No. 42;
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100.0%; Pred. No. ...
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; Pred. No. 51;
0; Mismatches
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                                                                                                                           ch 5.5%; Score 22; DB 1 Similarity 100.0%; Pred. No. 26; 22; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                             Sequence 202307, Application US/60507511 GENERAL INFORMATION:
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PCT-US02-34654A-48/c
; Sequence 48, Application PC/TUS0234654A; GENERAL INFORMATION:
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88.0%;
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Best Local Similarity 80...
22; Conservative
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nucleic acid
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CRGANISM: Homo sapiens
US-60-507-511-202307
                                         ; TOPOLOGY: linear;
; MOLECULE TYPE: CDNA
US-08-651-405-16
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Best Local Similarity
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                     STRANDEDNESS:
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Best Local S
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600 CAACACAGAGTACTGACTCT 619
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                                      TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity
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LENGTH: 20
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                 LENGTH:
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TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT TITLE OF INVENTION: EXPRESSION FILE REPRENCE: RTSP-0427 CURRENT APPLICATION NUMBER: PCT/USO2/34654A CURRENT FILING DATE: 2003-02-28 PRIOR APPLICATION NUMBER: 10/016,149 PRIOR PILING DATE: 2001-11-01 NUMBER OF SEQ ID NOS: 84 LENGTH: 20
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Sequence 52, Application PC/TUS0234654A

GENERAL INFORMATION:
APPLICANT: Jacqueline Wyatt
APPLICANTON: EXPRESSION
FILE REFERENCE: RYPP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jaig Pharmaceuticals, Inc.
APPLICANT: Jaig Pharmaceuticals, Inc.
APPLICANT: Jaig Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
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Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches
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100.0%; Pred. No. 42;
iive 0; Mismatches
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ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 84
SEQ ID NO 53
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Matches 20; Conservative
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PCT-US02-34654A-52/c
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LENGTH: 20
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APPLICANT: Jacquelline Watt
APPLICANT: Jacquelline Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RISP-0427
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APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
Title Sels Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
TITLE OF INVENTION: EXPRESSION
FILE REPRENEUR: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR PPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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                                                                                                          DB 1; Length 20;
42;
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Pred. No. 42;
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FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-53
                                                                                                     Query Match 5.0%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 42; Matches 20; Conservative 0; Mismatches
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// OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-55
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CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
LENGTH: 20
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Sequence 54, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
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PCT-US02-34654A-55/c
; Sequence 55, Application PC/TUS0234654A
; GENERAL INFORMATION:
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APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTSP-047
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
                                                            APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT APPLICATION NUMBER: DCT/US02/34654A
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT ITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
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100.0%; Pred. No. 42;
rative 0; Mismatches
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; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) OTHER INFORMATION: AntiBense Oligonucleotide PCT-US02-34654A-59
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Application PC/TUS0234654A
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PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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Best Local Similarity 100.(
Matches 20; Conservative
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                                            APPLICANT: C. Frank Bennett
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Best Local Similarity
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LENGTH: 20
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APPLICANT: Jacqueline Watt
APPLICANT: Jacqueline Watt
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Isis Pharmaceuticals, Inc.
ITILE OF INVENTION: EXPRESSION
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/USO2/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 5-6
LENGTH: 20
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APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTSP-0427
CURRENT PAPPLICATION NUMBER: PCT/US02/34654A
CURRENT APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
LENGTH: 20
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100.0%; Pred. No. 42;
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ive 0; Mismatches 0; Indels
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  0; Mismatches
                                                                                                                                                                                               Sequence 56, Application PC/TUS0234654A GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
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; Sequence 57, Appl.cation PC/TUS0234654A.
GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
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                                            641 CCIAAGICACAGACCICAGI 660
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                                                                                    20 CCTAAGTCACAGACCTCAGT
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ORGANISM: Artificial Sequence
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Best Local Similarity
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PCT-US02-34654A-56/c
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PCT-USO2-34654A-64/C

Sequence 64, Application PC/TUSO234654A

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isia Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTIENNE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTSP-0427
CURRENT PELICATION NUMBER: PCT/USO2/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR FILING DATE: 2001-11-01
SEQ ID NO 6 SEQ ID NOS: 84
LENGTH: 20
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Sequence 63, Application PC/TUS0234654A

Sequence 63, Application PC/TUS0234654A

September 1N-PORATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Isis PATISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
ITILE OF INVENTION: EXPRESSION
FILE REFERENCE: RISP-0427
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42;
           ; OTHER INFORMATION: Antisense Oligonucleotide PCT-USO2-34654A-62
                                                                          Query Match 5.0%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 42; Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: PCT/US02/34654A CURRENT FILING DATE: 2003-02-28 PRIOR APPLICATION NUMBER: 10/016,149 PRIOR FILING DATE: 2001-11-01 NUMBER OF SEQ ID NOS: 84 LENGTH: 20
                                                                                                                                                                          710 AGTCCCAGGAGAGTGACTCT 729
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ORGANISM: Artificial Sequence
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Sequence 61, Application PC/TUS0234654A

Sequence 61, Application PC/TUS0234654A

Sequence 61, Application PC/TUS0234654A

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

APPLICANT: Isis Pharmaceuticals, Inc.

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: RTSP-0427

CURRENT APPLICATION NUMBER: 10/016,149

PRIOR APPLICATION NUMBER: 10/016,149

PRIOR FILING DATE: 2001-11-01

SEQ ID NOS: 84

LENGTH: 20
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APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
FILE OF INVENTION: EXPRESSION
FILE REFERENCE: FYESP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT APPLICATION NUMBER: 10/016,149
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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Pred. No. 42;
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CTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-61
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CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
LENGTH: 20
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100.0%; Pre
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                                                                                                                                           TYPE: DNA ORGANISM: Artificial Seguence
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Best Local Similarity
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LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT) TITLE OF INVENTION: EXPRESSION FITLE OF INVENTION: EXPRESSION FILL SEPERATION: EXPRESSION CURRENT APPLICATION NUMBER: PCT/USO2/34654A CURRENT APPLICATION DATE: 2003-02-28 PRIOR APPLICATION NUMBER: 10/016,149 PRIOR FILLING DATE: 2001-11-01 SEQ ID NOS: 84 LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: BXPRESSION
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT APPLICATION NUMBER: 10/016,149
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-01-11-01
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT TITLE OF INVENTION: AVERESSION
FILE REFERENCE: RISP-0427
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Best Local Similarity
Matches 20; Conserv
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LENGTH: 20
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| Sequence 65, Application PC/TUS0234654A
| APPLICANT: C. Frank Bennett
| APPLICANT: Isis Pharmaceuticals, Inc.
| TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT TITLE OF INVENTION: EXPRESSION
| FILE REFERENCE: RTSP-0427
| TITLE OF INVENTION: EXPRESSION
| FILE REFERENCE: RTSP-0427
| CURRENT APPLICATION NUMBER: 10/016,149
| PRIOR APPLICATION NUMBER: 10/016,149
| PRIOR FILING DATE: 2001-11-01
| NUMBER OF SEQ ID NOS: 84
| SEQ ID NO 65:
| LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Organial watt
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTESENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEFENDENT
TITLE OF INVENTION: ANTESENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEFENDENT
TITLE OF INVENTION: ANTESENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEFENDENT
TITLE OF INVENTION: PCT/US02/34654A
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT PLING DATE: 2003-02-28
PRIOR PLING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 66
LENGTH: 20
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; Sequence 67, Application PC/TUS0234654A
GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PCT-US02-34654A-66/c; Sequence 66, Application PC/TUS0234654A; SENERAL INFORMATION: APPLICANT: C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    753 CAGGGTCCCTAGGCCTCCAC 772
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20 GTCATAGGACTTGGTAGGGT
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Best Local 8
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Best Local
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Score 20; DB 1; Pred. No. 42;

FEATURE: OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-69

TYPE: DNA ORGANISM: Artificial Sequence

SEQ ID NO 69 LENGTH: 20

5.0%; Scor. 100.0%; Pred. No. ... 0; Mismatches

Query Match
Best Local Similarity 100.
Matches 20; Conservative

792 GGTGCCAAGAGCTCTCCTCC 811

δ 셤

20 GGTGCCAAGAGCTCTCCTCC 1

Sequence 70, Application PC/TUS0234654A GENERAL INFORMATION:
APPLICANT: C. Frank Bennett

PCT-US02-34654A-70/c

schultz149-3.rnpm

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APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RISP-0427
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR APPLICATION NUMBER: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 72
LENGTH: 20
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Jais Pharmaceuticals, Inc.
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
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42;
Best Local Similarity 100.0%; Pred. No. 42; Matches 20; Conservative 0; Mismatches
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; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-73
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100.0%; Pred. No. 42;
iive 0; Mismatches
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CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION UNDER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
                                                                                                                                                                                                                          Sequence 72, Application PC/TUS0234654A GENERAL INFORMATION: APPLICANT: C. Frank Bennett
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                                                                    808 CTCCAACTCAGGGTTGGCTG 827
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Best Local Similarity 100.
Matches 20, Conservative
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Best Local Similarity 100.(
Matches 20; Conservative
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Sequence 71, Application PC/TUSO234654A

Sequence 71, Application PC/TUSO234654A

Sequence 71, Application PC/TUSO234654A

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: 10/016,149
PRIOR PILING DATE: 2003-02-28
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 71
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS9-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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Query Match 5.0%; Score 20; DB 1; Best Local Similarity 100.0%; Pred. No. 42; Matches 20; Conservative 0; Mismatches

804 TCTCCTCCAACTCAGGGTTG 823

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20 rerecreeacreagerie 1

; OTHER INFORMATION: Antisense Oligonucleotide PCT-US02-34654A-70

ORGANISM: Artificial Sequence

FEATURE:

SEQ ID NO 70

RESULT 34

Query Match

; OTHER INFORMATION: Antisense Oligonucleotide PCT-US02-34654A-71

ORGANISM: Artificial Sequence

FEATURE:

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APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: BXPRESSION
PRIOR PILING DATE: 2003-02-28
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 77
LENGTH: 20
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APPLICANT: G. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISTENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
TITLE OF INVENTION: EXPRESSION
FILE REPRENEUR: RISP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
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42;
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                                                                                                                                                                                                                                                                                                                               5.0%; Score 20; DB 100.0%; Pred. No. 42; Live 0; Mismatches
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PCT-US02-34654A-78/c; Sequence 78, Application PC/TUS0234654A; GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.0°
Matches 20; Conservative
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LENGTH: 20
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PCT-USO2-34654A-75/c

PCT-USO2-34654A-75/c

PCT-USO2-34654A-75/c

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT TITLE OF INVENTION: EXPRESSION

FILE REFRENCE: RTSP-0427

CURRENT APPLICATION NUMBER: PCT/USO2/34654A

CURRENT APPLICATION NUMBER: 10/016,149

PRIOR FILING DATE: 2001-11-01

NUMBER OF SEQ ID NOS: 84

LENGTH: 20

LENGTH: 20

LENGTH: 20

LENGTH: 20

LENGTH: 20
                                                                                                     APPLICANT: Jacquelline Wyatt
APPLICANT: Jacquelline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RISP-0427
CURRENT APPLICATION WOMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR FILING DATE: 2001-11-01
NUMBER: OF SEQ ID NOS: 84
LENGTH: 20
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Myatt
APPLICANT: Jacqueline Myatt
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RISP-0427
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100.0%; Pred. No. 42;
tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 42;
tive 0; Mismatches
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       PCT-US02-34654A-74/c
; Sequence 74, Application PC/TUS0234654A
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Matches 20; Conservative
                                                                                APPLICANT: C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20; Conservative
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Best Local Similarity
Matches 20; Conserva
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RESULT 39

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Sequence 48, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REPRESENT ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REPRESENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 48
SEQ ID NO 48
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APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: DEPENDENT EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILLING DATE: 2001-11-01
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42;
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHC
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 49
LENGTH: 20
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5.0%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 42.
Matches 20; Conservative 0; Mismatches
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  20 GATGCACTTACTTCTCAGCT
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                                                                                                                      US-10-016-149-48/c
                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RISP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR PILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 79
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APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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Pred. No. 42;
                                                                                                                                                Indels
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                                                                                             Query Match 5.0%; Score 20; DB 1; Best Local Similarity 100.0%; Pred. No. 42; Matches 20; Conservative 0; Mismatches
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                    ; OTHER INFORMATION: Antisense Oligonucleotide PCT-US02-34654A-78
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; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-79
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; OTHER INFORMATION: Antisense Oligonuclectide
PCT-US02-34654A-80
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                                                                                                                                                                                                                                                                                                                                                            Sequence 79, Application PC/TUS0234654A GENERAL INFORMATION:
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                                                                                                                                                                                           878 TCCTGAGATGCACTTACTTC 897
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ORGANISM: Artificial Sequence
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LENGTH: 20
FEATURE:
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20 TTTCTACAACACAGAGTACT

NUMBER OF SEQ ID NOS:

SEQ ID NO 50 LENGIH: 20

Query Match

Best Loca Matches

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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
LENGTH: 20
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| Sequence 55, Application US/10016149
| Sequence 55, Application US/10016149
| Sequence 55, Application US/10016149
| APPLICANT: C. Frank Bennett
| APPLICANT: Jacqueline Myatt
| TITLE OF INVENTION: DEPENDENT) EXPRESSION
| TITLE OF INVENTION: DEPENDENT) EXPRESSION
| FILE REFERENCE: RTS-0325
| CURRENT APPLICATION UNDERS: US/10/016,149
| CURRENT FILING DATE: 2001-11-01
| NUMBER OF SEQ ID NOS: 84
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APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENER MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: ANTISENER MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 20;
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42;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
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RESULT 46
US-10-016-149-53/c
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Acqueline Wyatt
TITLE OF INVENTION: DEPENDENT) EXPRESSION
TITLE OF INVENTION: DEPENDENT) EXPRESSION
TITLE OF INVENTION: DEPENDENT) EXPRESSION
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
SEQ ID NOS: 84
LENGTH: 20
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APPLICANT: C. TEARK Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODILATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEFENDENT) EXPRESSION
FILE REPERBNCE: RTS-0325
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 52
LENGTH: 20
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Pred. No. 42;,
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Pred. No. 42;
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                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-10-016-149-50
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US-10-016-149-51
                                                                                                                                   Match 5.0%; Score 20; DB Local Similarity 100.0%; Pred. No. 42; es 20; Conservative 0; Mismatches
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TYPE: DNA ORGANISM: Artificial Sequence
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Matches 20; Conservative
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Sequence 58, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: R79-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER: OF SEQ 1D NOS: 84
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: APPLICANT: DEPENDENT 
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APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 60
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ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 100.0
Matches 20; Conservative
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LENGTH: 20
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LENGTH: 20
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT APPLICATION OF SEQ ID NOS: 84
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RIS-0325
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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Pred. No. 42;
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'--. 0; Mismatches
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US-10-016-149-56
                                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
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                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.(
Matches 20; Conservative
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US-10-016-149-56/c
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SEQ ID NO 55
LENGTH: 20
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LENGTH: 20
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LENGTH: 20
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTIENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 62
LENGTH: 20
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US-10-016-149-61/C
US-10-016-149-61/C
SQUENCE 61, Application US/10016149
| GENERAL INFORMATION:
| APPLICANT: C. Frank Bennett
| APPLICANT: C. Prank Bennett
| APPLICANT: G. Prank Bennett
| TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
| TITLE OF INVENTION: DEPENDENT) EXPRESSION
| TITLE OF INVENTION: DEPENDENT) EXPRESSION
| TITLE OF INVENTION: DEPENDENT) EXPRESSION
| CURRENT APPLICATION NUMBER: US/10/016,149
| CURRENT FILING DATE: 2001-11-01
| SEQ ID NOS: 84
| LENGTH: 20
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                                                                                                                          Query Match 5.0%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 42; Matches 20; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-61
                                                           ; OTHER INFORMATION: Antisense Oligonucleotide US-10-016-149-60
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                                                                                                                                                                                                                 702 CTCCAGCGAGTCCCAGGAGA 721
                                                                                                                                                                                                                                                          20 crccadcdagrcccaddaga 1
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TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 20; Conserv
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                                      FEATURE:
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APPLICANT: Jacqueline Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT PILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
LENGTH: 20
RESULT 56

10S-10F-016-149-63/C

1S-016-016-016-03

1SERBAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: C. Prank Bennett

TITLE OF INVENTION: DEPENDENT) EXPRESSION

TITLE OF INVENTION: DEPENDENT OF PHOSPHOLIPASE A2, GROUP V (CA2+-

TITLE OF INVENTION: DEPENDENT) EXPRESSION

TITLE OF INVENTION NUMBER: US/10/016,149

CURRENT FILING DATE: 2001-11-01

NUMBER OF SEQ ID NOS: 84

LENGTH: 20
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TITLE OF INVENTION: ANTISENBE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
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; Sequence 64, Application US/10016149; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
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Sequence 68, Application US/10016149

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: DEPENDENT MYSTESSION
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REPRESENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT PILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 68
LENGTH: 20
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GENERAL INFORMATION:

APPLICANT: C. Frank Bennett;

APPLICANT: C. Frank Bennett;

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION

TITLE OF INVENTION: AND SERVICENT ON TOTAL OF THE OF THE NET OF THE OF T
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
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42;
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; CTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-68
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CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 69
LENGTH: 20
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
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                                  US-10-016-149-68/C
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APPLICANT: C. Frank
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION UNDER: US/10/016,149
CURRENT FILING DATE: 201-11-01
NUMBER OF SEQ ID NOS: 84
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION UNMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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100.0%; Pred. No. 42;
tive 0; Mismatches
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100.0%; Pred. No. ...
                                                               ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-65
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TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 20; Conservative
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Best Local Similarity 100.0
Matches 20; Conservative
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LENGTH: 20
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LENGTH: 20
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Sequence 73, Application US/10016149 GENERAL INFORMATION:
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
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                                                            APPLICANT: C. Frank Bennett
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US-10-016-149-74/c
  US-10-016-149-73/c
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LENGTH: 20
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GENERAL INFORMATION:
GENERAL INFORMATION:
HAPPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTIBENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
TITLE REPERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-IITLE OF INVENTION: DEPENDENT) EXPRESSION
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100.0%; Pred. No. 42;
ive 0; Mismatches 0; Indels
                                                                                                       Length 20
                                                                                                                                                Indels
                                                                                                     DB 1;
                                      ; OTHER INFORMATION: Antisense Oligonucleotide US-10-016-149-70
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- OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-71
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                                                                                                   Query Match 5.0%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 42; Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 71
                                                                                                                                                                                                                                                                                                                                         Sequence 71, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
                                                                                                                                                                                        804 ICTCCTCCAACTCAGGGTTG 823
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ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 20; Conserv
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RESULT 66

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APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RIS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
LENGTH: 20
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Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-10-016-149-73
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CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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5.0%; Score 20; DB 1; 100.0%; Pred. No. 42; iive 0; Mismatches

Query Match Best Local Similarity 100.0 Matches 20; Conservative

861 CTCCAGTTGGAACACTTTCC 880

20 CTCCAGTTGGAACACTTTCC 1

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Sequence 76, Application US/10016149 GENERAL INFORMATION:

RESULT 69 US-10-016-149-76/c

; FEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-10-016-149-75

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Sequence 79, Application US/10016149
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: APTIENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REPRENCE: RTS-0255
CURRENT APPLICATION NUMBER: US/10/016,149
NUMBER OF SQ ID NOS: 84
LENGTH: 20
                                                                  APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RIS-0325
CURRENT APPLICATION UNDERS: US/10/016,149
CURRENT FILING DATE: 2011-11-01
NUMBER OF SEQ ID NOS: 84
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US-10-016-149-79
                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILLING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
78, Application US/10016149
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ORGANISM: Artificial Sequence
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                                              APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyat
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LENGIH: 20
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LENGTH: 20
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APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 76
LENGTH: 20
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
TITLE OF INVENTION: DEPENDENT) EXPRESSION
FILE REFERENCE: RTS-0325
CURRENT APPLICATION NUMBER: US/10/016,149
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
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100.0%; Pred. No. 42;
iive 0; Mismatches 0; Indels
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5.0%; Score 20; DB 1; 100.0%; Pred. No. 42; tive 0; Mismatches

865 AGTIGGAACACTITCCTGAG 884

20; Conservative

Best Local Similarity

Matches

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Query Match

20 AGTIGGAACACTITICITIES 1

US-10-016-149-77/c

) OTHER INFORMATION: Antisense Oligonucleotide US-10-016-149-77

TYPE: DNA ORGANISM: Artificial Sequence

SEQ ID NO 77 LENGTH: 20

871 AACACTTTCCTGAGATGCAC 890

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Query Match Best Local Similarity 100,( Matches 20, Conservative

20 AACACTTTCCTGAGATGCAC 1

RESULT 71 US-10-016-149-78/c

OTHER INFORMATION: Antisense Oligonucleotide

US-10-016-149-76

FEATURE:

TYPE: DNA ORGANISM: Artificial Sequence

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US-09-953-115-25460
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LENGTH: 25
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LENGTH: 25
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                                                                                                                                                                                                                                                                                                                         APPLICANT: ROSettaGenomics
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
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GENERAL INFORMATION:
APPLICANT: Mittmann et al.
APPLICANT: Affwartix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis of Human FILE REPERENCE: 3102.1
CURRENT APPLICATION NUMBER: US/09/660,222
CURRENT FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: G0/164,973
PRIOR PILING DATE: 1999-11-11
SOFTWARE: PSECSO ID NOS: 140981
SOFTWARE: PSECSO ID NOS: 140981
SEQ ID NO 113924
LENGTH: 25
                                                            DB 1; Length 20; 42;
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                                                                                                     Indels
; OTHER INFORMATION: Antisense Oligonucleotide US-10-016-149-80
                                                          Query Match 5.0%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 42; Matches 20; Conservative 0; Mismatches
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ORGANISM: Homo Sapiens
PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: Genbank X14675
                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 47416
CURRENT APPLICATION NUMBER: US/10/303,778
CURRENT FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 17608
SOFTWARE: Patentin version 3.1
SEQ ID NO 7878
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US-09-660-222-113934
; Sequence 113934, Application US/09660222
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                                                                                                                                                                                                                                                                                      ; Sequence 7878, Application US/10303778; GENERAL INFORMATION:
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                                                                                                                                          884 GAIGCACTIACTICICAGCT 903
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Best Local Similarity 100.
Matches 20; Conservative
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CRGANISM: Homo sapiens
US-10-303-778-7878
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Best Local Similarity
Matches 21; Conserv
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US-10-303-778-7878/c
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APPLICANT: Mittmann et al.
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis of Human FILE PREFERENCE: 3102.1
CURRENT APPLICATION NUMBER: US/09/660,222
CURRENT FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: 60/164,973
PRIOR FILING DATE: 1999-11-11
NUMBER OF SEQ ID NOS: 140981
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TITLE OF INVENTION: Methods of Genetic Analysis of Human
TITLE OF INVENTION: Genes
FILE REPRENCE: 3111.1
CURRENT APPLICATION NUMBER: US/09/953,115
CURRENT FILING DATE: 2001-09-13
PRIOR APPLICATION NUMBER: 60/232,597
PRIOR FILING DATE: 2000-09-14
NUMBER OF SEQ ID NOS: 33029
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TITLE OF INVENTION: Methods of Genetic Analysis of Rat
FILE REFERENCE: 3527.11
CURRENT APPLICATION NUMBER: US/10/719,956
CURRENT FILING DATE: 2003-11.20
PRIOR PELICATION NUMBER: 60/427,836
PRIOR FILING DATE: 2002 11.20
NUMBER OF SEQ ID NOS: 699466
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Pred. No. 57;
0; Mismatches
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US-09-660-222-113934
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; Sequence 25460, Application US/09953115
; GENERAL INFORMATION:
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; Sequence 50928, Application US/10719956
; GENERAL INFORMATION:
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Best Local Similarity 91.3%;
Matches 21; Conservative (
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Best Local Similarity 91.3<sup>3</sup>
Matches 21; Conservative
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                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo Sapiens
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                         CURRENT APPLICATION NUMBER: US/10/719,900
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 00/427,808
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 982914
SOFTHARE: Microarray Probe Sequence Listing Generator V 1.1
ENGTH: 25
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TITLE OF INVENTION: Methods of Genetic Analysis of Human;
TITLE OF INVENTION: Methods of Genetic Analysis of Human;
TITLE OF INVENTION: Genes
TITLE REPERRINCE: 3111.1
CURRENT FILING DATE: 2001-09-13
PRIOR APPLICATION NUMBER: 60/232,597
PRIOR APLICATION NUMBER: 60/232,597
PRIOR FILING DATE: 2000-09-14
NUMBER OF SEQ ID NOS: 33029
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25461
LENGTH: 25
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TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 35.8
FILE REFERENCE: 35.8
CURRENT APPLICATION NUMBER: US/60/427,808
CURRENT FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
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; Pred. No. 68;
0; Mismatches
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90.9%; Pred. No. ,,,
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Pred. No. 68
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Best Local Similarity 87.5%;
Matches 21; Conservative (
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Best Local Similarity 87.5%;
Matches 21; Conservative
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Best Local Similarity 90.9
Matches 20; Conservative
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ORGANISM: Mus musculus
US-10-719-900-347566
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COGANISM: Mus musculus
US-60-427-808-347566
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ORGANISM: Homo sapien
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Sequence 50.253.26.7.
General Information:
APPLICANT: Xue Mei 2.bou
APPLICANT: Xue Mei 2.bou
TITLE OF INVENTION: Methods of Genetic Analysis of Rat
TITLE OF INVENTION: Methods of Genetic Analysis of Rat
FILE REFERENCE: 35.27
CURRENT PELLING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 699466
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 50928
LENGTH: 25.
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TITLE OF INVENTION: Methods of Genetic Analysis of Human
TITLE OF INVENTION: Genes
FILE REFERENCE: 3111.1
CURRENT APPLICATION NUMBER: US/09/953,115
PRIOR APPLICATION NUMBER: 60/232,597
FRIOR APPLICATION NUMBER: 60/232,597
FRIOR FILING DATE: 2000-09-14
NUMBER OF SEQ ID NOS: 33029
SOFTWARE: FRRESEQ FOR Windows Version 4.0
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| Sequence 347566, Application US/10719900
| GENERAL INFORMATION:
| APPLICANT: Xue Mei Zhou
| TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
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                                                             y Match 5.0%; Score 19.8; I
Local Similarity 91.3%; Pred. No. 57;
hes 21; Conservative 0; Mismatches
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Pred. No. 68;
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al Similarity 91.3%; Pred. No. 57
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ilarity 87.5%;
Conservative
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; ORGANISM: Rattus norvegicus
US-10-719-956-50928
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Best Local Similarity
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Best Local Similarity
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LENGTH: 25
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Matches
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Best Local Similarity 84.0%;
Matches 21; Conservative
                                                ; ORGANISM: Mus musculus
US-09-956-584-4185
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; ORGANISM: Mus musculus
US-09-956-584-267379
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US-10-355-577-225417
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Best Local Similarity
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US-09-956-584-267379/c
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US-10-355-577-225417
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GENERAL INFORMATION:
APPLICANT: Mitthman, Michael
ITILE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
FILE REFERENCE: 3115.1
CURRENT APPLICATION NUMBER: US/09/956,584
CURRENT PILING DATE: 2001-09-19
FRIOR PILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 665887
SOFUTANE MICROALRAY Probe Sequence Listing Generator V 1.1
SSOFTWARE: MICROALRAY PROBE Sequence Listing Generator V 1.1
LENGTH: 25
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FILE REFERENCE: 35.7.1
FILE REFERENCE: 35.7.1
CURRENT APPLICATION NUMBER: US/10/719,956
PRIOR APPLICATION NUMBER: 60/427,836
PRIOR FILING DATE: 2002.11.20
NUMBER OF SEQ ID NOS: 699466
SOFTWARE INCOMPARIES 2002 SEQ ID NOS: 699466
SOFTWARE: SEQ ID NOS: 699466
SOFTWARE: 111947
LENGTH: 25
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TITLE OF INVENTION: Methods of Genetic Analysis of Rat
FILE REFRENCE: 35.7

CURRENT APPLICATION NUMBER: US/60/427,836

CURRENT FILING DAIE: 2002-11-20

NUMBER OF SEQ ID NOS: 699466

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

LENGTH: 25

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                                                                                                                                                                                                                 Sequence 111947, Application US/10719956 GENERAL INFORMATION:
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4 GIGICTCTTCTCTCTCAGAG 25
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Best Local Similarity 90.9%;
Matches 20; Conservative
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; ORGANISM: Rattus norvegicus
US-10-719-956-111947
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US-60-427-836-111947
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es 20; Conserv
                                                                                                                                          RESULT 84
US-10-719-956-111947/c
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US-60-427-836-111947/c
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GENERAL INFORMATION:
APPLICANT: Mitthmann, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
FILE REFERENCE: 3121
CURRENT APPLICATION NUMBER: US/10/355,577
CURRENT FILING DATE: 2003-01-31
NUMBER OF SEQ ID NOS: 997516
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
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; Sequence 225418, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
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TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
TITLE REFERENCE: 3115.1
CURRENT APPLICATION NUMBER: US/09/956,584
FRIOR APPLICATION NUMBER: 60/234,017
PRIOR PELLING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 26/3779
     Length 25;
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4.7%; Score 18.6; D
Best Local Similarity 84.0%; Pred. No. 81;
Matches 21; Conservative 0; Mismatches
                                                  0; Mismatches
Score 18.6;
Pred. No. 81;
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ilarity 84.0%; Pred. No. 81;
Conservative 0; Mismatches
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Query Match
Best Local Similarity
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LENGTH: 25
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LENGTH: 25
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TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
FILE REFERENCE: 3121
CURRENT APPLICATION NUMBER: US/10/355,577
CURRENT FILING DATE: 2003-01-31
NUMBER OF SEQ ID NOS: 997516
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
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Sequence 416268, Application US/10719956

GENERAL INFORMATION:

TITLE OF INVENTION:

FILE REFERENCE: 3527.1

CURRENT APPLICATION WHBER: US/10/719,956

CURRENT APPLICATION NUMBER: 2003-11-20

PRIOR FILING DATE: 2003-11-20

PRIOR FILING DATE: 2002 11 20

NUMBER OF SEQ ID NOS: 699466

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 416268
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FILE REFERENCE: 3121
CURRENT APPLICATION NUMBER: US/10/355,577
CURRENT PILING DATE: 0003-01-31
CURRENT OF SEQ 1D NOS: 997516
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
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llarity 84.0%; Pred. No. 81;
Conservative 0; Mismatches
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Pred. No. 81;
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84.0%; Pred. No. 81
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Best Local Similarity 84.0%;
Matches 21; Conservative
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                                                                                                                             TYPE: DNA
CORGANISM: Homo sapien
US-10-355-577-225418
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ORGANISM: Homo sapien
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Matches 21; Conserv
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                                                                                         SEQ ID NO 225418
LENGTH: 25
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TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
FILE REFERENCE: 31.7
CURRENT APPLICATION NUMBER: US/60/353,987
CURRENT FILING DATE: 2002-02-01
NUMBER OF SEQ ID NOS: 997516
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 225417
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Sequence 31264, Application US/60234017
GENERAL INFORMATION:
APPLICANT: Mittern, M.
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: musculus
TITLE OF INVENTION: musculus
FILE REPERENCE: 3115
CURRENT APPLICATION NUMBER: US/60/234,017
CURRENT FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605897
SOFTWARE: FREESEQ for Windows Version 4.0
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APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
TITLE OF INVENTION: musculus
FILE REFERENCE: 3115
CURRENT APPLICATION NUMBER: US/60/234,017
CURRENT FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE: FastSEQ for Windows Version 4.0
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4.7%; Score 18.6; D
Best Local Similarity 84.0%; Pred. No. 81;
Matches 21; Conservative 0; Mismatches
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nlarity 84.0%; Pred. No. 81;
Conservative 0: Mineri
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DATABASE ACCESSION NUMBER: GenBank AW060734

US-60-234-017-310868
                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Mus musculus
PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: GenBank AV336781
1S-60-234-017-31264
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; Sequence 310868, Application US/60234017
; GENERAL INFORMATION:
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Weiss, Udi
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Matches 20; Conserv
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LENGTH: 25
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LENGIH: 23
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Sequence 225418, Application US/60353987

GENERAL INFORMATION: Michael

TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33

FILE REPRESENCE: 3121

CURRENT PILING DATE: 2002-02-01

NUMBER OF SEQ ID NOS: 997516

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 225418

LENGTH: 25
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
FILE REFERENCE: 3121
CURRENT APPLICATION NUMBER: US/60/353,987
CURRENT FILING DATE: 2002-02-0.1
NUMBER OF SEQ ID NOS: 997516
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
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Pred. No. 81;
0; Mismatches 4; Indels
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TITLE OF INVENTION: Methods of Genetic Analysis of Rat
FILE REFERENCE: 3527
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Pred. No. 81
                                                                                                                                                       522 ATACTTTCCCAACATCCTCTGCTCC 546
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Best Local Similarity 84.0%;
Matches 21; Conservative
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                TYPE: DNA
CORGANISM: Homo sapien
US-60-353-987-225417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
CORGANISM: Homo sapien
US-60-353-987-225418
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CORGANISM: Homo sapien
US-60-353-987-818910
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Best Local Similarity
Matches 21; Conserv
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LENGTH: 25
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Best Local &
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TITLE OF INVENTION: NUCLEOTIDE SEQUENCES REGULATING GENE EXPRESSION AND CONSTRUCTS TITLE OF INVENTION: AND METHODS UTILIZING SAME FILE REFERENCE: 23088
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TITIE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
FILE REFERENCE: 3115.1
CURRENT APPLICATION NUMBER: US/09/956,584
CURRENT FILING DATE: 2001-09-19
FRIOR FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
                                                                                                                                                                                                                    Length 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 23;
CURRENT APPLICATION NUMBER: US/60/427,836
CURRENT FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 699466
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 416268
LENGTH: 25
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                                                                                                                                                                                                                    DB 1;
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                                                                                                                                                                                                                    Score 18.6; D
Pred. No. 81;
0; Mismatches
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CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 207
SOFTWARE: PATENTIN VERSION 3.2
                                                                                                                                                                                                                                                                                                     605 CAGAGTACTGACTCTGCCTGGTTCC 629
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Rabinovich, Larisa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial sequence
                                                                                                                                                                                                                  Query Match 4.7%;
Best Local Similarity 84.0%;
                                                                                                                               ; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-416268
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Bar-Even, Arren
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APPLICANT: Meissner, Rafi
APPLICANT: Ronen, Gil
APPLICANT: Golan, Ezekiel
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Savir, Noa
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TYPE: DNA; TYPE: DNA; ORGANISM: Rattus norvegicus US-10-719-956-50925
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; ORGANISM: Mus musculus
US-10-719-900-104044
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CORGANISM: Mus musculus
US-10-719-900-279275
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GENERAL INFORMATION:
APPLICANT: Mitchan, Michael
TILE OF INVENTION: Methods of Genetic Analysis of Mus Musculus;
FILE REFERENCE: 3115.1
CURRENT APPLICATION NUMBER: US/09/956,584
CURRENT APPLICATION NUMBER: 60/234,017
PRIOR APPLICATION NUMBER: 60/234,017
PRIOR FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE: MICLOARTRY Probe Sequence Listing Generator V 1.1
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GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou
ITILE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 3528.1
CURRENT APPLICATION NUMBER: US/10/719,900
CURRENT FILING DATE: 2003-11-20
PRIOR FILING DATE: 2003-11-20
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
IENGTH: 25
                                                                   DB 1; Length 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4.6%; Score 18.2; DB 1; Length 25; 87.0%; Pred. No. 91; tive 0; Mismatches 3; Indels
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87.0%; Pred. No. 91;
vative 0; Mismatches 3;
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4.6%; Score 18.2; D
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                     621 CCTGGTTCCTGAGAGAGCTCCT 643
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Best Local Similarity 87.0°
Matches 20; Conservative
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Best Local Similarity 87.0°
Matches 20; Conservative
ORGANISM: Mus musculus US-09-956-584-275455
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US-09-956-584-287538
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LENGTH: 25
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4.6%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels
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APPLICANT: Xue Mei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 35.201
CURRENT APPLICATION NUMBER: US/10/719,900
CURRENT FILING DATE: 2003-11-20
PRIOR PAPLICATION NUMBER: 60/427,808
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
ENGTHALE: 25
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CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION WINBER: 60/427,836
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 699466
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 279275
LENGTH: 25
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TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 35.8.1
CURRENT APPLICATION NUMBER: US/10/719,900
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/427,808
PRIOR FILING DATE: 2002 11 20
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Pred. No. 91;
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US-10-719-900-279275
; Sequence 279275, Application US/10719900
; GENERAL INFORMATION:
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Query Match
Best Local Similarity
Matches 20; Conserv
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LENGTH: 25
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                                                                                                                                                                                                                                                                                                              US-60-234-017-294607/C

Sequence 294607, Application US/60234017

GENERAL INFORMATION:

APPLICANT: Mitthmann, M

APPLICANT: Affymetrix, Inc.

TITLE OF INVENTION: Methods of Genetic Analysis of Mus

TITLE OF INVENTION: Methods of Genetic Analysis of Mus

TITLE OF INVENTION: Methods of Genetic Analysis of Mus

FILE REFERENCE: 3115

CURRENT APPLICATION NUMBER: US/60/234,017

CURRENT FILING DATE: 2000-09-20

NUMBER OF SEQ ID NOS: 605887

SOFUMARE: FastSEQ for Windows Version 4.0

SEQ ID NO 294607

LENGTH: 25
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GENERAL INFORMATION:
APPLICANT: Mittmann, M
APPLICANT: Mittmann, M
TITLE OF INVENTION: methods of Genetic Analysis of Mus
TITLE OF INVENTION: methods of Genetic Analysis of Mus
TITLE OF INVENTION: methods of Genetic Analysis of Mus
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
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TITLE OF INVE
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IIILE OF INVENTION: Methods of Genetic Analysis of Mouse
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4.6%; Score 18.2; DB 1;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Mus musculus
PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: Genbank A1850133
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PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: Genbank AW123379
US-60-234-017-318021
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                                                                            705 CAGCGAGTCCCAGGAGAGTGACT 727
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20; Conservative
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Matches 20; Conserva
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FILE REFERENCE: 3528
CURRENT PEPLICATION NUMBER: US/60/427,808
CURRENT FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 982914
SOFTRARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 104043
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Xue Mei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 3528
CURRENT APPLICATION NUMBER: US/60/427,808
CURRENT FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 104044
LENGTH: 25
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Sequence 279275, Application US/60427808

GENERAL INFORMATION:
GENERAL THEORY.: Xue Mei Zhou

TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 3528

CURRENT APPLICATION NUMBER: US/60/427,808

CURRENT FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 982914

SOFTWARER: Microarray Probe Sequence Listing Generator V 1
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Pred. No. 91;
0; Mismatches
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87.0%; Pred. No. 91;
tive 0; Mismatches
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US-60-427-808-104044
; Sequence 104044, Application US/60427808
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                              604 ACAGAGTACTGACTCTGCCTGGT 626
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Best Local Similarity 87.0%;
Matches 20; Conservative
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Best Local Similarity 87.0°
Matches 20; Conservative
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US-60-427-808-104043
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US-60-427-808-104044
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; ORGANISM: Mus musculus
US-60-427-808-279275
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Query Match
4.6%; Score 18.2; D
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches

705 CAGCGAGTCCCAGGAGAGTGACT 727

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24 cagranticicingadagicaci 2

Sequence 108287, Application US/60507481 GENERAL INFORMATION:

RESULT 111 US-60-507-481-108287/c

Sequence 104423, Application US/60507511 GENERAL INFORMATION:

RESULT 112 US-60-507-511-104423/c

TYPE: DNA ORGANISM: Homo sapiens

US-60-507-511-104423

Query Match

793 GIGCCAAGAGCICICCICCAACT 815

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TYPE: DNA ORGANISM: Canis familiaris

US-60-507-481-108287

25 GAGCCATGAGCTCTCCTCCACCT 3

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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 256056
LENGTH: 25
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TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 35.28
CURRENT APPLICATION NUMBER: US/60/427,808
CURRENT FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
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                                            Indels
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GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 3528.1
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 05/427,808
PRIOR APPLICATION NUMBER: 60/427,808
PRIOR FILING DATE: 2002.11.20
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Best Local Similarity 100.0%; Pred. No. 96;
Matches 18; Conservative 0; Mismatches
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4.5%; Score 18; DB 1;
Best Local Similarity 100.0%; Pred. No. 96;
Matches 18; Conservative 0; Mismatches
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APPLICANT: David Mack
APPLICANT: David Lockhart
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196F
            Best Local Similarity 87.0%; Pred. No. 91; Matches 20; Conservative 0; Mismatches
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                                                                                          793 GIGCCAAGAGCTCTCCTCCAACT 815
                                                                                                                                         25 GAGCCACGAGCTCTCCTCCACCT
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US-60-427-808-256056
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US-10-719-900-256056
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APPLICANT: Wyeth
APPLICANT: Wounts, William M
TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
FILE REFERENCE: AM 101081
CURRENT APPLICANTION NUMBER: US/60/507,511
CURRENT PILING DATE: 2003-10-02
NUMBER OF SEQ ID NOS: 203623
SOFTWARE: Patentin version 3.2
LENGTH: 25
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APPLICANT: Woults, William M
APPLICANT: Wounts, William M
ITILE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
TITLE OF INVENTION: WODLES OF INFLAMMATORY DISEASES
FILE REFERENCE: AM101084
CURRENT FILING DATE: 2003-10-02
NUMBER OF SEQ ID NOS: 210107
SOFTWARE: Pateentin version 3.2
SEQ ID NO 108287
LENGTH: 25
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US-60-427-836-50925/c

; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER: OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50225
; LENGTH: 25
; LENGTH: 25
; TYPE: DNA
; ORGANIEM: Rattus norvegicus
US-60-427-836-50925
                                                                                                                                                                                                                                                                                                                                                                                               Score 18.2; DB 1; Length 25;
Pred. No. 91;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 4.6%; Score 18.2; DB 1; Length 25; Best Local Similarity 87.0%; Pred. No. 91; Matches 20; Conservative 0; Mismatches 3; Indels
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19; Conservative
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US-09-956-584-183457
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US-09-956-584-183457
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TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome FILE REPERENCE: 3112.1
CURRENT APPLICATION NUMBER: US/09/954,427A
CURRENT FILING DATE: 2001-09-17
PRIOR PPLICATION NUMBER: 00/233,166
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 420907
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 355918
LENGTH: 25
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Pred. No. 1e+02;
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Pred. No. 1e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                               APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR PILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: Fastered for Windows Version 4.0
SEQ ID NO 72709
                                                                                                                                                                                                                                                               0; Mismatches
CURRENT FILING DATE: 2001-09-15
PRIOR APPLICATION NUMBER: 60/100,678
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 72709
LENGTH: 25
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; Sequence 355918, Application US/09954427A
; GENERAL INFORMATION:
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Best Local Similarity 90.5%;
Matches 19; Conservative (
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Best Local Similarity 90.5%;
Matches 19; Conservative
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ORGANISM: Rattus Norvegicus
                                                                                                                                     TYPE: DNA
COGANISM: mus musculus
US-09-396-196F-72709
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US-09-396-196G-72709
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APPLICANT: Mitchman, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
FILE REFERENCE: 3115.1
CURRENT APPLICATION NUMBER: US/09/956,584
CURRENT APPLICATION NUMBER: 06/234,017
PRIOR PILING DATE: 2000-09-20
PRIOR FILING DATE: 2000-09-20
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 183457
LENGTH: 25
                                                                                                                                                                                               APPLICANT: Mittman, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus FILE REFERENCE: 3115.1
CURRENT APPLICATION NUMBER: US/09/956,584
CURRENT APPLICATION NUMBER: 60/234,017
PRIOR FILING DATE: 2000-09-20
PRIOR FILING DATE: 2000-09-20
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 175754
LENGTH: 25
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TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
FILE REFERENCE: 3115.1
CURRENT APPLICATION NUMBER: US/09/956,584
CURRENT FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: 60/234,017
PRIOR FILING DATE: 2000-09-20
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Pred. No. 1e+02;
0; Mismatches 2;
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Best Local Similarity 90.5%; Pred. No. 1e+02;
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; Sequence 298823, Application US/09956584
; GENERAL INFORMATION:
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; Sequence 175754, Application US/09956584; GENERAL INFORMATION:
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784 GCCCCTCTGGTGCCAAGAGCT
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Best Local Similarity 90.5%;
Matches 19; Conservative (
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RESULT 123
US-60-234-017-146401
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Matches
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TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
FILE REPERENCE: 3115.1
CURRENT APPLICATION NUMBER: US/09/956,584
CURRENT FILING DATE: 2001-09-19
FRIOR FPLING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
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4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels
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Pred. No. 1e+02;
0; Mismatches 2; Indels
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TITILE OF INVENTION: Methods of Genetic Analysis of Rat
FILIE REFERENCE: 3527.
CURRENT APPLICATION NUMBER: US/10/719,956
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/427,836
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 699466
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
NUMBER OF SEQ ID NOS: 605887
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 298823
LENGTH: 25
                                                                                                                                                                                                   2; Indels
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US-10-719-956-81522/c
; Sequence 81522, Application US/10719956
; GENERAL INFORMATION:
                                                                                                                                                                                                                                           587 TTCTGTTTTTCTACACACAG 607
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; ORGANISM: Rattus norvegicus
US-10-719-956-81522
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Best Local Similarity 90.5
Matches 19; Conservative
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                                                                             TYPE: DNA ORGANISM: Mus musculus
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                                                                                                                                                                              Best Local Similarity
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US-09-956-584-307865
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LENGTH: 25
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LENGTH: 25
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4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels
                                                       APPLICANT: Mittmann, M
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
TITLE OF INVENTION: musculus
FILE REFERENCE: 3115
CURRENT APPLICATION NUMBER: US/60/234,017
CURRENT FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605897
SOFTWARE: FastSEQ for Windows Version 4.0
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US-60-234-017-315041
Sequence 315041, Application US/60234017
Sequence 115041, Application US/60234017
SEGUENCE INFORMATION:
APPLICANT: Mittmann, M
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
FILE REPERBENCE: 3115
FILE REPERBENCE: 3115
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GENERAL INFORMATION:
BAPPLICANT: Mittmeann, MAPPLICANT: Affirmatrix, Inc.
TITLE OF INVENTION: methods of Genetic Analysis of Mus
TITLE OF INVENTION: musculus
FILE REFERENCE: 3115
CURRENT APPLICATION NUMBER: US/60/234,017
CURRENT FALPIGATE: 2000-09-20
NUMBER OF SEQ 1D NOS: 605887
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DATABASE ACCESSION NUMBER: Genbank AI841920
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CURRENT APPLICATION NUMBER: US/60/234,017
CURRENT FILING DATE: 2000-09-20
SUMMBER OF SEQ ID NOS: 605887
SOFTWARE: FASTERQ for Windows Version 4.0
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DATABASE ACCESSION NUMBER: GenBank U96634
Sequence 146401, Application US/60234017
GENERAL INFORMATION:
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ORGANISM: Mus musculus
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LENGTH: 25
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SEQ ID NO 189436
LENGTH: 25
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SEQ ID NO 315041 LENGTH: 25 . 0

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                                                                                                                                          Query Match
4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels
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1e+02;
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Sequence 81522, Application US/60427836
GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Rat
FILE REPRENCE: 3527
CURRENT APPLICATION NUMBER: US/60/427,836
CURRENT FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 699466
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                           Sequence 321630.

GENERAL INFORMATION:
APPLICANT: Mittmann, M
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: methods of Genetic Analysis of Mus
TITLE OF INVENTION: methods of Genetic Analysis of Mus
TITLE OF INVENTION: mesculus
FILE REPERENCE: 3115
CURRENT APPLICATION NUMBER: US/60/234,017
CURRENT FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SEQ ID NO 321630
LENGTH: 25
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TYPE: DNA
ORGANISM: Mus musculus
ORGANISM: Mus musculus
DATABASE ACCESSION NUMBER: Genbank AW122062
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; DATABASE ACCESSION NUMBER: GenBank AW125393
US-60-234-017-321630
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4.5%; Score 17.8;
Best Local Similarity 90.5%; Pred. No. 1e
Matches 19; Conservative 0; Mismatche
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Best Local Similarity 90.5%;
Matches 19; Conservative
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CRGANISM: Rattus norvegicus
US-60-427-836-81522
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                         RESULT 126
US-60-234-017-321630
                                                                                           ÚS-60-234-017-315041
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RESULT 129
US-60-117-955-13
i Sequence 13. Application US/60117955
i GENERAL INFORMATION:
APPLICANT: Rosenow, Carsten
APPLICANT: Trias, Joaqium
ITILE OF INVENTION: STEPTOCOCCUS PNEUMONIAE REGULATORY SYSTEM AND REPORTER
ITILE OF INVENTION: GENES
FILE REFERENCE: 342313001021
CURRENT FILING DATE: 1999-10-23
RARLIER APPLICATION NUMBER: Unassigned
RARLIER FILING DATE: 1999-10-23
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.0
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Sequence 113916, Application US/09660222

GENERAL INFORMATION:

APPLICANT: Mitmann et al.

APPLICANT: Affymetrix, Inc.

TILLE OF INVENTION: Methods of Genetic Analysis of Human;
FILE REFRERENCE: 3102.11

CURRENT APPLICATION NUMBER: US/09/660,222

CURRENT APPLICATION NUMBER: 60/104,973

PRIOR FILING DATE: 1999-11-11
                    APPLICANT: Trias, Joaquim
APPLICANT: Trias, Joaquim
APPLICANT: Young, Dennis
APPLICANT: Rosenow, Carsten
TITLE OF INVENTION: REGULATED TARGET EXPRESSION FOR
TITLE OF INVENTION: SCREENING
FILE REFERENCE: 342312000800
CURRENT APPLICATION UNDER: US/09/292,779B
CURRENT FALING DATE: 1999-04-13
NUMBER OF SEQ ID NOS: 65
SOFTWARE: FASTSRO for a series of the series of the
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1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4.4%; Score 17.6; DB 1;
83.3%; Pred. No. 1e+02;
tive 0; Mismatches 4;
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Pred. No. 1e+0
0; Mismatches
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Best Local Similarity
Matches 20; Conserv
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Best Local Similarity
US-09-292-779B-61
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LENGTH: 24
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TYPE: DNA

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562 AGCTCCTCCCAGACCAAGACTTTT 585
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Score 17.6; DB 1; Length 25; Pred. No. 1.1e+02;
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Best Local Similarity 83.3%;
Matches 20; Conservative C
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Best Local Similarity 83.3%;
Matches 20; Conservative (
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; ORGANISM: Rattus Norvegicus
US-09-954-427A-111B39
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US-09-954-427A-258951
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 25;
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APPLICANT: Mittmann, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Yeast
FILE REFERENCE: 3110.1
CURRENT PEDLICATION NUMBER: US/09/953,570A
CURRENT FILING DATE: 2000-09-13
PRIOR FILING DATE: 2000-09-14
NUMBER OF SEQ ID NOS: 138410
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 65549
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Methods of Genetic Analysis of Human TITLE OF INVENTION: Genes FILE REFERENCE: 3111.1 CURRENT APPLICATION NUMBER: US/09/953,115
CURRENT FILING DATE: 2001-09-13
PRIOR PELING DATE: 2000-09-14
NUMBER OF SEQ ID NOS: 33029
SSOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 22459
LENGTH: 25
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Pred. No. 1.1e+02;
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Pred. No. 1.1e+02;
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                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                       ; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank X14675
US-09-660-222-113916
NUMBER OF SEQ ID NOS: 140981
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 113916
LENGTH: 25
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US-009-953-370A-65549
; Sequence 65549, Application US/09953570A
; GENERAL INFORMATION:
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US-09-953-115-25459
; Sequence 25459, Application US/09953115
; GENERAL INFORMATION:
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                                                                                                                                                                                                      Query Match
Best Local Similarity 83.3%;
Matches 20; Conservative
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Best Local Similarity 83.3%;
Matches 20; Conservative
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                                                                                                      ORGANISM: Homo Sapiens
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Best Local Similarity
Matches 20; Conserv
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Gaps
                                                                                                   Sequence 111839, Application US/09954427A;
Sequence 111839, Application US/09954427A;
GENERAL INFORMATION:
APPLICANT: Michael Mittmann
TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome;
FITLE REFERENCE: 312.1
CURRENT APPLICATION NUMBER: US/09/954,427A;
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 60/233,166
PRIOR APPLICATION NUMBER: 60/233,166
PRIOR APPLICATION NUMBER: 60/233,166
PRIOR APPLICATION NUMBER: 60/233,166
PRIOR APPLICATION PRIOR SEQUENCE Listing Generator V 1.1
SEQ ID NO 111839
IENGTH: 25
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Pred. No. 1.1e+02;
1 ATCTCCTACCCGAGCAAGACTTTT 24
                                                                            RESULT 133
US-09-954-427A-111839
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Sequence 258951, Application US/09954427A

Sequence 258951, Application US/09954427A

GENERAL INFORMATION:
TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
FILE REPERRNCE: 3112.1
CURRENT APPLICATION NUMBER: US/09/954,427A

CURRENT FILING DATE: 2001-09-17

PRIOR APPLICATION NUMBER: 00/233,166
PRIOR PILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 420907

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 258951

LENGTH: 25
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Gaps

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Indels

Squence 3333, Application US/09954445A
GENERAL INFORMATION.
GENERAL INFORMATION.
AITLE OF INVENTION: Michael
TITLE OF INVENTION: Mchods of Genetic Analysis of Arabidopsis Thaliana FILE REFERENCE: 3116.1
CURRENT APPLICATION NUMBER: US/09/954,445A
CURRENT PILING DATE: 2000-09-17
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 131820
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 33353

Gaps

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APPLICANT: Mittman, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
FILE REFERENCE: 3115.11
CURRENT APPLICATION NUMBER: US/09/956,584
CURRENT FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: 60/234,017
PRIOR APPLICATION NUMBER: 60/234,017
PRIOR FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 208835
LENGTH: 25
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                                                                                                                                                                                                                                                                                                                                                                                                        4.4%; Score 17.6; DB 1; Length 25; 83.3%; Pred. No. 1.1e+02; tive 0; Mismatches 4; Indels
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TITLE OF INVENTION: Human Microarray
FILE REFRENCE: 31181
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT PILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
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TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR PLILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 83917
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US-10-098-263B-83917
; Sequence 83917, Application US/10098263B
; GENERAL INFORMATION:
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Best Local Similarity 83.33
Matches 20; Conservative
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Best Local Similarity 83.3
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                     ORGANISM: Mus musculus
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ORGANISM: Homo sapien
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ORGANISM: Homo sapien
GENERAL INFORMATION:
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TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
TILE OF INVENTION: 115.1
CURRENT APPLICATION NUMBER: US/09/956,584
CURRENT FILING DATE: 2001-09-19
PRIOR PILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 4190
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mittman, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus FILE REFERENCE: 3115.
CURRENT APPLICATION NUMBER: US/09/956,584
CURRENT FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: 60/234,017
PRIOR FILING DATE: 2000-09-20
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4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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                                                                                                                            Query Match 4.4%; Score 17.6; DB 1; Length 25; Best Local Similarity 83.3%; Pred. No. 1.1e+02; Matches 20; Conservative 0; Mismatches 4; Indels
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 4184
LENGTH: 25
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US-09-956-584-208835
; Sequence 208835, Application US/09956584
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                                                                                                                                                                                                                                      629 CTGAGAGAGCTCCTAAGTCACAG 652
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GENERAL INFORMATION:
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                        TYPE: DNA; CRGANISM: Arabidopsis thaliana US-09-954-445A-33353
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CORGANISM: Mus musculus
US-09-956-584-4184
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     LENGIH: 25
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Sequence 746526, Application US/10719900

GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou

TITLE OF INVENTION: Methods of Genetic Analysis of Mouse;
FILE REFERENCE: 3528.1

CURRENT APPLICATION NUMBER: US/10/719,900

CURRENT APPLICATION NUMBER: 00/427,808

PRIOR FILING DATE: 2002 11 20

NUMBER OF SEQ ID NOS: 982914

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

LENGTH: 25
                                                                                                                                                                                                                                                                                                                   Sequence 347567, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 02/427,808
; PRIOR PILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SEQ ID NO 347567
; LENGTH: 25
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83.3%; Pred. No. 1.1e+02;
ative 0; Mismatches 4;
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                                                                                   Score 17.6; DB 1;
Pred. No. 1.1e+02;
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; Sequence 136754, Application US/10719956
; GENERAL INFORMATION:
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Best Local Similarity 83.3%;
Matches 20; Conservative
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CORGANISM: Mus musculus
US-10-719-900-746526
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; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-793156
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Best Local Similarity
Matches 20; Conserv
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Best Local Similarity
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US-10-719-900-347567/c
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TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
FILE REFERENCE: 3121
CURRENT APPLICATION NUMBER: US/10/355,577
CURRENT PILING DATE: 2003-01-31
NUMBER OF SEQ ID NOS: 997516
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Mittmann, Michael
TITLE OF INVENTION: MICHAEL
TITLE OF INVENTION: MUMBER: US/10/355,577
CURRENT APPLICATION NUMBER: US/10/355,577
CURRENT FILING DATE: 2003-01-31
NUMBER OF SEQ ID NOS: 997516
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
ENGIH: 25
                                                                                                                                                                                                                   Sequence 51223, Application US/10355577
GENERAL INFORMATION:
TAPPLICANT: Mitthan, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
FILE REFERENCE: 3121
CURRENT APPLICATION NUMBER: US/10/355,577
CURRENT FILING DATE: 2003-01-31
NUMBER OF SEQ ID NOS: 997516
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
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Best Local Similarity 83.3%; Pred. No. 1.1e+02; Matches 20; Conservative 0; Mismatches 4;
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4.4%; Score 17.6; DB 1;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4;
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                                                                   831 CTCTTTTCTTCTGAAGACAGCG 854
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; ORGANISM: Homo sapien
US-10-355-577-51223
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; ORGANISM: Homo sapien
US-10-355-577-617217
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Matches 20; Conserv
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US-10-355-577-51223
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LENGTH: 25
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Indels
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APPLICANT: Affymetrix, Inc.
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
TITLE OF INVENTION: Misculus
FILE REFERENCE: 3115
CURRENT APPLICATION NUMBER: US/60/234,017
CURRENT FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                        Sequence 33353, Application US/60233620; GENERAL INFORMATION:
APPLICANT: Mittuann; AIFPRICANT: Affirmerrix, Inc.; TITLE OF INVENTION: Methods of Genetic Analysis of TITLE OF INVENTION: Arabidopsis thaliana; TITLE OF INVENTION: Arabidopsis thaliana; TITLE OF INVENTION: Arabidopsis thaliana; CURRENT APPLICATION NUMBER: US/60/233,620; CURRENT FILING DATE: 2000-10-24; NUMBER OF SEQ ID NOS: 131820; SOFTWARE: FastSEQ for Windows Version 4.0; SEQ ID NO 33353
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Pred. No. 1.1e+02;
0; Mismatches 4;
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PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: Genbank AV336781
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: Genbank AF007270
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                                            644 AAGTCACAGACCTCAGTCTTCTC 667
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US-60-234-017-31268/c
; Sequence 31268 Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 150
US-60-234-017-31256/c
; Sequence 31256, Application US/60234017
; GENERAL INFORMATION:
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US-10-719-956-178211
Sequence 178211, Application US/10719956
GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou
TITLE OF INVENTION:
CURRENT APPLICATION NUMBER: US/10/719,956
CURRENT APPLICATION NUMBER: US/10/719,956
CURRENT APPLICATION NUMBER: 60/427,836
PRIOR FILING DATE: 2003-11-20
PRIOR FILING DATE: 2002-11 20
NUMBER: OF SEQ ID NOS: 699466
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
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Pred. No. 1.1e+02;
0; Mismatches 4; Indels
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TITLE OF INVENTION: Methods of Genetic Analysis of Rat
FILE REFERENCE: 3527.1
CURRENT APPLICATION NUMBER: US/10/719,956
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/427,836
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 699466
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
  APPLICANT: Xue Mei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Rat
FILE REFERENCE: 3527.
CURRENT APPLICATION NUMBER: US/10/719,956
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/427,836
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 699466
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 136754
LENGTH: 25
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Best Local Similarity 83.3%;
Matches 20; Conservative
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; ORGANISM: Rattus norvegicus
US-10-719-956-178211
                                                                                                                                                                                                                                                        TYPE: DNA
, ORGANISM: Rattus norvegicus
US-10-719-956-136754
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Best Local Similarity 83.33
Matches 20; Conservative
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Best Local Similarity
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LENGTH: 25
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APPLICANT: Mittenann, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-Ul33
FILE REFERENCE: 3121
CURRENT APPLICATION NUMBER: US/60/353,987
CURRENT FILING DATE: 2002-02-01
NUMBER OF SEQ ID NOS: 997516
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 793156
LENGTH: 25
                                                                                                                                                                                                        Sequence 617217, Application US/60353987
GENERAL INFORMATION:
APPLICANT: Mitthemn, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
FILE REFERENCE: 3121
CURRENT APPLICATION NUMBER: US/60/353,987
CURRENT FILING DATE: 2002-02-01
NUMBER OF SEQ ID NOS: 997516
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 617217
LENGTH: 25
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GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REPERENCE: 3528
CURRENT APPLICATION NUMBER: US/60/427,808
CURRENT FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
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83.3%; Pred. No. 1.1e+02;
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Pred. No. 1.1e+02;
0; Mismatches 4;
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  0; Mismatches
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; Sequence 793156, Application US/60353987
; GENERAL INFORMATION:
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Best Local Similarity 83.33
Matches 20, Conservative
  Conservative
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CORGANISM: Homo sapien
US-60-353-987-617217
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US-60-353-987-793156
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Best Local Similarity
Matches 20; Conserv
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US-60-427-808-347567/c
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LENGTH: 25
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GENERAL INFORMATION:
APPLICANT: Mittmann, Michael
TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
FILE REFERENCE: 3121
CURRENT APPLICATION NUMBER: US/60/353,987
CURRENT FILING DATE: 2002-02-01
NUMBER OF SEQ ID NOS: 997516
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
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Pred. No. 1.1e+02;
0; Mismatches 4; Indels
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Sequence 201954, Application US/60234017

GENERAL INFORMATION:

APPLICANT: Mittenan, M

TITLE OF INVENTION: Methods of Genetic Analysis of Mus

TITLE OF INVENTION: Methods of Genetic Analysis of Mus

TITLE OF INVENTION: Methods of Genetic Analysis of Mus

TITLE OF INVENTION: Musculus

FILE REFERENCE: 3115

CURRENT APPLICATION NUMBER: US/60/234,017

CURRENT APPLICATION NUMBER: 05-60-69-20

NUMBER OF SEQ ID NOS: 605-887

SOFTWARE: FastSEQ for Windows Version 4.0
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
TITLE OF INVENTION: musculus
FILE REFERENCE: 3115
CURRENT APPLICATION NUMBER: US/60/234,017
CURRENT FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 31268
LENGTH: 25
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; DATABASE ACCESSION NUMBER: GenBank AA839576
US-60-234-017-201954
                                                                                                                                                                                                                                                                  ; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AV336781
US-60-234-017-31268
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Matches 20; Conservative
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Matches 20; Conserv
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US-60-353-987-51223
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LENGTH: 25
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NUMBER OF SEQ ID NOS:
SOFTWARE: Microarray F
SEQ ID NO 178211
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US-60-427-836-313821/c
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US-10-310-188-42057/c
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LENGTH: 25
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                                                         Score 17.6; DB 1; Length 25;
Pred. No. 1.18+02;
0; Mismatches 4; Indels
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4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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; Sequence 136754, Application US/60427836
; SERERAL INFORMATION:
    TITLE OF INVENTION: Methods of Genetic Analysis of Rat
    TILE REFERENCE: 35.27
; CURRENT PILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 136754
; LENGTH: 25
                                                                                                                                                                                                                                                                     Sequence 746526, Application US/60427808

GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou
TITLE OF INVENTION:
FILE REFRENCE: 3528
CURRENT APPLICATION NUMBER: US/60/427,808
CURRENT FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
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TITLE OF INVENTION: Methods of Genetic Analysis of Rat
FILE REFERENCE: 3527
CURRENT APPLICATION NUMBER: US/60/427,836
CURRENT FILING DATE: 2002-11-20
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es 20; Conservative Conservative
                                                                   Query Match
Best Local Similarity 83.3%;
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-136754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
CRGANISM: Mus musculus
US-60-427-808-746526
        ; ORGANISM: Mus musculus
US-60-427-808-347567
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US-60-427-836-136754
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Best Local S:
Matches 20
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Sequence 4021, Application US/60507511

SEQUENCE 40221, Application US/60507511

SEQUENCE 40221, Application US/60507511

SEQUENCE 40221, Application US/60507511

SEQUENCE 40221, Application US/60507,511

CURRENT Would WILLIAM OSTEOARTHRITIS AND HUMAN PROTEASES

TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES

TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES

CURRENT APPLICATION NUMBER: US/60/507,511

CURRENT FILING DATE: 2003-10-02

NUMBER OF SEQ ID NOS: 2036-23

SOFTWARE: Patentin version 3.2

SEQ ID NO 40221

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GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou
TITLE ON INVENTION: Methods of Genetic Analysis of Rat
FILE REFERENCE: 3527
CURRENT APPLICATION NUMBER: US/60/427,836
CURRENT FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 699466
SOFTWARE: MICLOGALTAY Probe Sequence Listing Generator V 1.1
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SEQ ID NOS: 699466
Microarray Probe Sequence Listing Generator V 1.1
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Pred. No. 1.1e+02;
0; Mismatches 4;
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Pred. No. 1.1e+02;
0; Mismatches 4;
                                                                                                                                                                                                                              0; Mismatches
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                                                                                                                                                                                                                                                                           617 TCTGCCTGGTTCCTGAGAGGCT 640
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                                                                                                                                                                                                                                                                                                                    2 rcaccccccccrcrcrcacacarccr 25
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                                                                                            ; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-178211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.33
Matches 20; Conservative
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Best Local Similarity 83.33
Matches 20; Conservative
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Best Local Similarity 83.34
Matches 20; Conservative
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Sequence 57404, Application US/10310188

GENERAL INFORMATION:
GENERAL INFORMATION:
TILLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENERALITIES OF INVENTION: USES THEREOF
TILLE REFERENCE: 47487

CURRENT APPLICATION NUMBER: US/10/310,188

CURRENT FILING DATE: 2002-12-19
SOFTWARE: Patentin version 3.1
SEQ ID NO 57404

LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
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CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR PILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SEQ ID NO 1040
LENGTH: 21
                                        FEATURE:

OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-265-090-42010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4.2%; Score 16.6; DB 1; Length 23; 82.6%; Pred. No. 1.3e+02; ive 0; Mismatches 4; Indels
                                                                                                                                  Score 16.8; DB 1; Length 20;
Pred. No. 1.1e+02;
0; Mismatches 2; Indels
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Pred. No. 1.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1040, Application US/10751736 GENERAL INFORMATION:
APPLICANT: Wyeth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     23 caparaccasadadadadaccere 1
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                                                                                                                                    4.2%;
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Best Local Similarity 90.0%;
Matches 18; Conservative (
                     ORGANISM: Artificial Sequence
                                                                                                                             Query Match
Best Local Similarity 90.04
Matches 18; Conservative
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Best Local Similarity 82.6
Matches 19; Conservative
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US-10-310-188-57404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-310-188-57404/c
                                                                                                                                                                                                                                                                                                                                                                 -10-751-736-1040/c
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; ORGANISM: RNAi
US-10-751-736-1040
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US-10-310-188-40233/c
US-10-310-188-40233.

Sequence 40233, Application US/10310188

GENERAL INFORMATION:

APPLICANT: ROSettademonics

TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

TITLE OF INVENTION: USES THEREOF

TITLE OF INVENTION: USES THEREOF

CURRENT APPLICATION NUMBER: US/10/310,188

CURRENT FILING DATE: 2002-12-19

NUMBER OF SEQ ID NOS: 86841

SOFTWARE: PatentIn version 3.1
                                   APPLICANT: ROSELTAGEMONICS
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION UNDER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PATENTIAN DATE: 3002-12-19
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1e+02;
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GENERAL INFORMATION:
APPLICANT: GOFF, STEPHEN
APPLICANT: BONAN, CARCLINE
APPLICANT: COLERET, MICHELLE
APPLICANT: COLERET, MICHELLE
TITLE OF INVENTION: REREAL TRINUCLEOTIDE SIMPLE SEQUENCE
TITLE OF INVENTION: REREAT MARKERS AND THEIR USES
FILE REFERENCE: NADI: 058C1
CURRENT APPLICATION NUMBER: US/10/266,090
CURRENT FILING DATE: 2002-10-03
PRIOR PILING DATE: 2002-026
PRIOR PLICATION NUMBER: US 60/326,117
PRIOR PLICATION NUMBER: US 60/326,117
PRIOR PLICATION NUMBER: US 60/326,117
PRIOR FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 51812
SOFTWARE: FastSEQ for Windows Version 4.0
: SEQ ID NO 42010
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100.0%; Pred. No. 84;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                            3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                            Query Match 4.3%; Score 17.2; Best Local Similarity 86.4%; Pred. No. 1e-Matches 19; Conservative 0; Mismatches
Sequence 42057, Application US/10310188
                                                                                                                                                                                                                                                                                                                                                                                                                                                         555 CCCAGCGAGCTCCTCCCAGACC 576
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Best Local Similarity 100.
Matches 17; Conservative
                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                       SEQ ID NO 42057
LENGTH: 22
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LENGTH: 17
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-07-920-483B-185/c
; Sequence 185, Application US/07920483B
GENERAL INFORMATION:
APPLICANT: McCormick, Francis P.
APPLICANT: Lyons, John F.
TITLE OF INVENTION: Genes Encoding GTP Binding Proteins
UNDRES OF SEQUENCES: 254
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 07110

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/920,483B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Mismatches
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SSCTWARE: PatentIn version 3.1
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STAIE: New Jersey
COUNTRY: USA
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US-07-920-483B-187/c
; Sequence 187, Application US/07920483B
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NAME: Sias Ph.D., Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 6687
TELECOMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20 rrcccaacaccapcrdcrcc 1
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Best Local Similarity 85.0%;
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                   830 TCTCTTTTCTTCTCT
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CLASSIFICATION: 435
                                                                                                                                                          ; ORGANISM: Homo sapiens
US-10-310-188-35581
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                                                                                                                                        TYPE: DNA
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GENERAL INFORMATION:
APPLICANT: ROSettaGemonica
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
                                                      Sequence 1039, Application US/10751736

GENERAL INFORMATION:
APPLICANT: Wath
APPLICANT: Wath
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON:
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
TILE REFERENCE: AM100927 (331896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOUTHARE: PatentIn version 3.2
SEQ ID NO 1039
LINGTH: 21
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APPLICANT: Martinos:
APPLICANT: Martinos, Robert
APPLICANT: Martinos, Eugene
APPLICANT: Liu, Weit
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AMIOS27 (201896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT APPLICATION NUMBER: US/10/751,736
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR PLING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARR: ParentIn version 3.2
SEQ ID NO 25128
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Pred. No. 1.3e+02;
5; Mismatches 3;
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Best Local Similarity 61.99
Matches 13, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
CORGANISM: homo sapiens
US-10-751-736-1039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-310-188-35581/c
                                              US-10-751-736-1039/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-25128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-751-736-25128
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Sequence 4849

Sequence Sequen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 15.8; DB 1; Length 22;
Pred. No. 1.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 94.1%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INTOCKENTION.

JOHNEAU TR. SCHAINCH.

TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: P80179
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT APPLICATION NUMBER: DCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PELING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-05-3
PRIOR PILING DATE: 2001-10-10
NUMBER: OF SEQ ID NOS: 4162
LENGRARE: AGOMICA SEQUENCE LISTING ENGINE
SEQ ID NO 1116
LENGRAPH. 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1116, Application US/10061201 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             821 TIGGCIGICICITITICE 839
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  744 GTAGGGTCCCAGGGTCC 760
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          22 resecrerererererer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ch 4.0%;
il Similarity 89.5%;
17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA; Candida albicans
US-10-032-585-4849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
CORGANISM: Homo sapiens
US-10-061-201-1116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                  US-10-032-585-4849/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 174
US-10-061-201-1116
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TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: Patentin version 3.1
SEQ ID NO 75348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4.0%; Score 15.8; DB 1; Length 21;
89.5%; Pred. No. 1.5e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 16; DB 1; Length 20;
Pred. No. 1.3e+02;
1; Mismatches 2; Indels
                                                                                                               Mutations in
Binding Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC compatible
OPERATUR SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILLIGATION NUMBER: US/07/920,483B
FILLIGATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1; Mismatches
GENERAL INFORMATION:
APPLICANT: MCCOrmick, Francis P.
APPLICANT: Lyons, John F.
TITLE OF INVENTION: Detection of Point I
TITLE OF INVENTION: Genes Encoding GTP I
NUMBER OF SEQUENCES: 254
CORRESPENDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-310-188-75348; Sequence 75348; Application US/10310188; GENERAL INFORMATION:
                                                                                                                                                                                                                                 ADDRESSEE: Hoffmann-la Roche Inc. STREET: 340 Kingsland Street CITY: Nutley STATE: New Jersey COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       527 TICCCAACAICCICIGCICC 546
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Slas Ph.D., Stacey R.
REGISTRATION NUMBER: 32,630
REFRENCE/DOCKET NUMBER: 8687
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 TTCCCAACADCACCTGCTCC 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 85.0%;
Matches 17; Conservative 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 89.5
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: Homo sapiens
US-10-310-188-75348
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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Gaps
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                                                                                                                                                                                      APPLICATION NUMBER: PCT/US97/20444
FILING DATE: 06-NOV-1997
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-0CC-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 21-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-NOV-96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004B
TELECOMMUNICATION INFORMATION:
                                 COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
APPLICATION DATA:
APPLICATION NUMBER: US/09/179,536B
FILING DATE: 26-Oct-1998
CLASSIFICATION: CURNOWn>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ANTI-SENSE: NO FRAGMENT TYPE: «Unknown»
CORIGINAL SOURCE: SEQUENCE DESCRIPTION: SEQ ID NO: 102: US-09-179-536B-102
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/746,036
FILING DATE: 06-NOV-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-NOV-96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/744,481
FILING DATE: 06-NOV-96
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 858-450-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SROUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              753 CAGGGTCCCTAGGCCTC 769
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 858-587-5360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 102:
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                                                                                                                                                                           PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: unknown MOLECULE TYPE: CDNA HYPOTHETICAL: NO
COMPUTER READABLE FORM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 94.1
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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Sequence 6795, Application US/10310188

GENERAL INFORMATION:
APPLICANT: RosettaGemonics
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION WIDBER: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: Patentin version 3.1
SEQ ID NO 6795
LENGTH: 18
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US-09-179-536B-102/c
; Sequence 102, Application US/09179536B
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; GUODING Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
ZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                               Score 15.4; DB 1; Length 17;
Pred. No. 1.3e+02;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
3.9%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
                                                                                                 GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: AEOMICA-26
CURRENT APPLICATION NUMBER: US/60/328,205
CURRENT FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 1116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         674 TGGCGGACCCCCAGGGC 690
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  744 GTAGGGTCCCAGGGTCC 760
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1 GTAGGGGCCCAGGGTCC 17
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                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 3.9%;
Best Local Similarity 94.1%;
Matches 16; Conservative (
                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
CORGANISM: Homo sapiens
US-60-328-205-1116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-310-188-6795
                                                                                               US-60-328-205-1116
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Gaps
RUPPERT, Andreas
VENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
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0
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                                                                               ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
                                                                                                                                                                                                                                                                                                 SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/686,148
FILING DATE: 10-Oct-2000
CLASSIFICATION: cUnknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 102:
US-09-686-148-102
                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 28-Jun-99
APPLICATION WUMBER: 08/947,801
ELING DATE: 08-0ct-97
APPLICATION WUMBER: 08/933,792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/786,988 FILING DATE: 23-Jan-97 APPLICATION NUMBER: 08/746,055
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 09/297,576
                                                                                                                                                                     COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKELLE
COMPUTER: IBM COMPALIBLE
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 180
US-09-783-881-102/c
; Sequence 102, Application US/09783881
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 23-Jan-97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 753 CAGGGTCCCTAGGCCTC 769
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: David M. Lough
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               19 CAGGGTCCCCAGGCCTC 3
               TITLE OF INVENTION: DNA INUMBER OF SEQUENCES: 320 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: unknown MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 94.1'
Matches 16; Conservative
                                                                                                                            CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE: NO FRAGMENT TYPE:
                                                                                                                                                STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ð
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8409
TELEFAX: 858-450-8499
                                                                                                                                                                                                                  OPERALING SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/297,576A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 102, Application US/09686148
GENERAL INFORMATION:
APPLICANT: KOSTER, Hubert
LITTLE, Daniel P.
BRAUN, Andreas
LOUGH, David M.
XIANG, Guobing
VAN DEN BOOM, Dirk
JURINKE, Christian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/746,036
RILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 33,779
                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/947,801
APPLICATION NUMBER: 08/943,792
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,998
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                                                                                                                          ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELERAX: 858-430-001 INPORMATION FOR SEQ ID NO: 10 SEQUENCE CHARACTERISTICS: 1-ENGTH: 19 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SS: single
unknown
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STRANDEDNESS: singi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: CDNA HYPOTHETICAL: NO
                                                                                                                                                                                                             OPERATING SYSTEM:
                                                        La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FRAGMENT TYPE: , ORIGINAL SOURCE: US-09-297-576A-102
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ANTI-SENSE: NO
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APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
Intume Commakov, Ilya
TITUE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT APPLICATION NUMBER: US/09/422,978
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: BARLIER FILING DATE: 1998-11-23
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-367-272-8/c ; Sequence 8, Application US/09367272
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Homo Sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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LENGTH: 20
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Guobing Xiang
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SECTENDES: 320
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 3.9%; Score 15.4; DB 1; Length 19; Best Local Similarity 94.1%; Pred. No. 1.5e+02; Matches 16; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
CORRATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/783,881
FILING DATE: 13-Feb-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/179,536
FILING DATE: 27-OCT-1998
APPLICATION NUMBER: 09/179,536
FILING DATE: 27-OCT-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 06-Nov-96
APPLICATION WUMBER: 08/746,036
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,590
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 06-NOV-1997
APPLICATION UNMBER: 08/947,801
ELING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: 858-450-8400
TELEFAX: 858-587-5360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 06-Nov-96
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 19 base pairs
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INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FRAGMENT TYPE: <
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; LOCATION: 1..19 -
; OTHER INFORMATION: upstream amplification primer 99-9513 for SEQ 2238,
US-10-349-143-6172
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                                                                                               Length 19;
                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Tornell, Jan
APPLICANT: Kindblom, Jon
APPLICANT: Wennbo, Hakan
APPLICANT: Bakkson, Olle
APPLICANT: Norsetedt, Gunnar
IITLE OF INVENTION: Method for Screening and Transgenic
FILE REFERENCE: 003300-583
                                                                                             Query Match
3.9%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/367,272
CURRENT FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/8E98/00266
PRIOR PLILING DATE: 1998-02-13
PRIOR PLILING DATE: 1998-02-14
PRIOR APPLICATION NUMBER: SE 9700527-6
PRIOR PLILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4.0
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Matches 16; Conservative
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19 CAGGGTCCCCAGGCCTC

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RESULT 181 US-10-349-143-6172/c

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                         3.9%; Score 15.4; DB 1; Length 21; 84.2%; Pred. No. 1.6e+02;
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Sequence 11, Application US/09957641A

GENERAL INFORMATION:

APPLICANT: LOLIAR, John S.

TITLE OF INVENTION: MODIFIED FACTOR VIII

FILE REFERENCE: 75-00 US

CURRENT APPLICATION NUMBER: US/09/957,641A

CURRENT FILING DATE: 2001-09-19

PRIOR APPLICATION NUMBER: US 60/234,047

PRIOR FILING DATE: 2000-09-19

PRIOR FILING DATE: 2000-09-29

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 11

LENGTH:: 21
                                                                                  1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
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                                                                                                                                                                                                                                                                                                                    APPLICANT: EMOST University
TITLE OF INVENTION: MODIFIED FACTOR VIII
FILE REFERENCE: 75-00
CURRENT APPLICATION NUMBER: US/09/957,641
CURRENT FILING DATE: 2001-09-16
PRIOR APPLICATION NUMBER: US 60/234047
PRIOR APPLICATION NUMBER: US 60/234047
PRIOR PELING DATE: 2000-09-19
PRIOR FILING DATE: 2000-09-29
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PATCHIN Ver. 2.0
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                                                                                                                                                                                                                                                        US-09-957-641-11; Sequence 11, Application US/09957641; GENERAL INFORMATION:
                                                                                                                              658 AGTCTTTCTCGAAGCTTGG 676
                                                                                                                                                                     19 AGTCTTTCYGGAAGCTGGG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   591 GTTTTCTACACACAG 607
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 94.1'
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 94.1<sup>5</sup>
Matches 16; Conservative
                                                                                  Conservative
                                                           Local Similarity
nes 16; Conserv
US-09-765-081-363
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                                         Query Match
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Matches
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GENERAL INFORMATION:
APPLICANT: ROSELtaGemonics
APPLICANT: ROSELtaGemonics
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SEQ ID NO 12327
LENGTH: 20
                       Sequence 5931, Application US/10289762
GENERAL INFORMATION:
TYPLE INFORMATION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preveritte OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SQUENCE 363, Application US/09765081
GENERAL INFORMATION:
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.
TITLE OF INVENTION: HUMAN SINGLE NUCLECTIDE POLYMORPHISMS:
FILE REFERENCE: 2825.2089-001;
CURRENT APPLICATION NUMBER: US/09/765,081
CURRENT FILING DATE: 2001-01-18
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 461
SOUTHWARE: FREUSEQ for Windows Version 4.0
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3.9%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   728 CTGGTCATAGGACTTGG 744
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  832 TCTTTTCTTCTGAAG 848
                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              rerrrecrirerendade 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
Matches 16; Conserva
                  JS-10-289-762-5931/c
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US-10-310-188-12327
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US-09-765-081-363/c
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LENGTH: 21
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GENERAL INFORMATION:
APPLICANT: Weiner, Amy J.
APPLICANT: Weiner, Michael
TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
                                                                                     Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3.8%; Score 15.2; DB 1; Length 20;
85.0%; Pred. No. 1.7e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                         3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: McCormick, Francis P.
APPLICANT: Lyons, John F.
TITLE OF INVENTION: Detection of Point Mutations in
TITLE OF INVENTION: Genes Encoding GTP Binding Proteins
NUMBER OF SEQUENCES: 254
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patentin Release #1.0, Version #1.25
                                                                                  Score 15.2; DB 1;
Pred. No. 1.7e+02;
                                                                                                                                      0; Mismatches
     OTHER INFORMATION: Human LRH1 antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/920,483B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                         US-07-920-483B-183/c; Sequence 183, Application US/07920483B; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0.
                                                                                                                                                                                               643 TAAGTCACAGACCTCAGTCT 662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               527 TTCCCAACATCCTCTGCTCC 546
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                                                                                                                                                                                                                                                  20 TAAGTCATAGACCAAAGTCT 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Sias Ph.D., Stacey R.
REGISTRATION NUMBER: 32,630
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKGT NUMBER: 86
TELECOMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                  3.8%;
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Best Local Similarity 85.0
Matches 17; Conservative
                                                                                  Query Match 3.8
Best Local Similarity 85.0
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGIH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
              ; OLARA LINE PCT-US03-20865-3335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-07-920-483B-183
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                                                                                                                          PCT-USO2-31357-85/C

Sequence 85, Application PC/TUS0231357

GENERAL INFORMATION:

APPLICANT: Curaden Corporation, et al
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS C
TITLE OF INVENTION: THE SAME

FILE REFERENCE: 21402-462D-661

CURRENT PELLING DATE: 2002-10-02

PRIOR PELLOR DATE: 2001-10-09

PRIOR PELLOR DATE: 2001-10-12

PRIOR PELLOR DATE: 2001-10-15

PRIOR PELLOR DATE: 2001-10-24

PRIOR PELLING DATE: 2001-10-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 133 SOFTWARE: CuraSeqList version 0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .
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APPLICANT: FRANCE, Christopher D
APPLICANT: Kane, Christopher D
TITLE OF INVENTION: ANTIERNSE MODULATION OF LRHI EXPRESSION
FILE REFERENCE: 011901/PCT
CURRENT APPLICATION NUMBER: PCT/US03/20865
CURRENT FILING DATE: 2003-07-01
PRIOR FILING DATE: 2002-07-01
NUMBER OF SEQ ID NOS: 3450
SOFTWARE: Patentin version 3.2
SEQ ID NO 3335
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3.8%; Score 15.2; DB 1; Length 2
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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GENERAL INFORMATION:
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TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2001-10-29
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ORGANISM: artificial
FEATURE:
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APPLICANT: MacLeod, Alan Robert
TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
FILE REFERENCE: MET-005
CURRENT APPLICATION NUMBER: US/10/144,577
CURRENT FILING DATE: 2002-05-13
PRIOR APPLICATION NUMBER: US 60/290,202
PRIOR PILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: US 60/290,212
PRIOR FILING DATE: 2001-05-11
PRIOR FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 20
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 15.2; DB 1;
Pred. No. 1.7e+02;
1; Mismatches 3;
                         Sequence 20, Application US/10144577 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                853 CGTCCTGGCTCCAGTTGGAA 872
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GENERAL INFORMATION:
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80.0%;
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Best Local Similarity 80.0%
Matches 16; Conservative
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Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Homo sapiens
US-10-144-577-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-144-577-46
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TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
FILE REFERENCE: MET-005
CURRENT APPLICATION NUMBER: US/10/144,577
CURRENT FILING DATE: 2002-05-13
PRIOR APPLICATION NUMBER: US 60/290,202
PRIOR FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: US 60/290,212
PRIOR FILING DATE: 2001-05-11
PRIOR FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 18
LENGTH: 20
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                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,498
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/759,575
FLING DATE: 13-SEP-1991
ATTONNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                     NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFRENCE/DOCKET NUMBER: 0205.001
TELECOMMUNICATION INFORMATION:
TELERHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 548 AGGCCTCCCCAGCGAGCTCC 567
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 18, Application US/10144577 GENERAL INFORMATION:
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4560 Horton Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DNA (genomic)
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1 Similarity 85.0%;
17; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: sind
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 17; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
                    Emeryville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: li:
                                                                                  94608
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                                                             COUNTRY:
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                    CITY:
STATE:
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Indels

Length 20;

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Sequence 167, Application US/10190312A
GENERAL INFORMATION:
APPLICANT: Chromagenic B.V.
APPLICANTON: methods for detecting and using such DNA sequences
FILE REPERENCE: 2183-4993.1
CURRENT FILING DATE: 2002-07-05
PRIOR APPLICATION NUMBER: 60/303,199
PRIOR FILING DATE: 2001-07-05
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APPLICANT: MacLead, Alan Robert
TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
FILE REFERENCE: MET-005
CURRENT APPLICANTON NUMBER: US/10/144,577
CURRENT FILING DATE: 2002-05-13
PRIOR APPLICATION NUMBER: US 60/290,202
PRIOR FILING DATE: 2001-05-11
PRIOR PILING DATE: 2001-05-11
PRIOR FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 46
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
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US-10-190-312A-167/c
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Gaps

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3.8%; Score 15.2; DB 1; Length 20; 85.0%; Pred. No. 1.7e+02; iive 0; Mismatches 3; Indels

853 CGTCCTGGCTCCAGTTGGAA 872 cercerecerceaernacaa 20

RESULT 193

Conservative

Best Local Similarity Matches 17; Conserv

Query Match

US-10-144-577-18

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                                                                                                                                                                                                                                                                                                                                                   RESULT 197

US-10-298-123-32

Sequence 32, Application US/10298123

GENERAL INFORMATION:

APPLICANT: Remneth W. Dobie

TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION

FILE REPERENCE: HTS-0050

CURRENT APPLICATION NUMBER: US/10/298,123

CURRENT FILING DATE: 2002-11-16

NUMBER OF SEQ ID NOS: 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 63, Application US/10298123
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
FILE REPERENCE: HTS-0050
CURRENT APPLICATION NUMBER: US/10/298,123
CURRENT FILING DATE: 2002-11-16
NUMBER OF SEQ ID NOS: 76
SEQ ID NOS: 76
                                                                                                                                                         Length 20;
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                                                                                                                                                                                                   Indels
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                                                            FEATURE:
; OTHER INFORMATION: Description of Artifical Sequence:
US-10-262-445-85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3.8%; Score 15.2; DB 1;
85.0%; Pred. No. 1.7e+02;
ative 0; Mismatches 3;
                                                                                                                                                      Score 15.2; DB 1;
Pred. No. 1.7e+02;
0; Mismatches 3;
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85.0%; Pred. No. 1.7e+02;
tive 0; Mismatches 3;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-123-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 199
US-10-303-778-634/c
; Sequence 634, Application US/10303778
; GRNERAL INFORMATION:
                                                                                                                                                                                                                                            612 CTGACTCTGCCTGGTTCCTG 631
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        781 GCAGCCCCTCTGGTGCCAAG 800
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                                            ORGANISM: Artificial Sequence
                                                                                                                                                         3.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                    Query Match
Best Local Similarity 85.0%
Matches 17; Conservative
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Best Local Similarity 85.0
Matches 17; Conservative
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Best Local Similarity 85.0
Matches 17; Conservative
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ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 198
US-10-298-123-63/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; FEATURE:
US-10-298-123-63
LENGTH: 20
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                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                    Gaps
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 85
                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                     Length 20;
                                                                                                                                                                                                                   Query Match 3.8%; Score 15.2; DB 1; Length 2 Best Local Similarity 85.0%; Pred. No. 1.7e+02; Matches 17; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/262,445
CURRENT FILING DATE: 2002-10-01
                                                                                                                                                  CTHER INFORMATION: oligonucleotide E21
US-10-190-312A-167
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PRIOR FILING DATE: 2001-10-05
PRIOR FILING DATE: 2001-10-05
PRIOR PELICATION NUMBER: 60/327, 917
PRIOR PELICATION NUMBER: 60/328, 029
PRIOR PELING DATE: 2001-10-09
PRIOR PELING DATE: 2001-10-09
PRIOR PELING DATE: 2001-10-09
PRIOR PELING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-12
PRIOR PELING DATE: 2001-10-12
PRIOR PELING DATE: 2001-10-12
PRIOR PELING DATE: 2001-10-15
PRIOR PELING DATE: 2001-10-15
PRIOR PELING DATE: 2001-10-15
PRIOR PELING DATE: 2001-10-17
PRIOR PELING DATE: 2001-10-17
PRIOR PELING DATE: 2001-10-27
PRIOR PILING DATE: 2001-10-27
PRIOR PILING DATE: 2001-10-27
PRIOR PILING DATE: 2001-10-27
PRIOR PILING DATE: 2001-10-24
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Ooi, Chean Eng
Patturajan, Meera
Rieger, Daniel
Spytek, Kimberly
Taupier Jr., Raymond J.
Zerhusen, Bryan
Zhong, Haihong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 85, Application US/10262445 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                           606 AGAGTACTGACTCTGCCTGG 625
                                                                                                                                                                                                                                                                                                                                                   20 AGAGTTCCGAGTCTGCCTGG 1
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Chaudhuri, Amitabha
Edinger, Shlomit
Gerlach, Valerie
                  SOFTWARE: PatentIn version 3.1
SEQ ID NO 167
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Alsobrook II, John
APPLICANT: Burgess, Catherine
APPLICANT: Catterton, Elina
                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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Kekuda, Ramesh
Mezes, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 21402-462D
NUMBER OF SEQ ID NOS: 1079
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Gorman, Linda
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0; Mismatches

APPLICANT: RosettaGenomics

Query Match

Matches

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APPLICANT: Adam, Gail Isabel
APPLICANT: Adam, Gail Isabel
APPLICANT: Langdown, Maria
APPLICANT: Langdown, Maria
APPLICANT: Langdown, Michail
APPLICANT: Deniseenck, Michail
APPLICANT: Swylie, Kevin
TITLE OF INVENTION: DIAGNOSTION AND THERAPETTIC METHODS FOR REDUCING FAT
TITLE OF INVENTION: DEPOSITION AND THERAPETTIC METHODS FOR REDUCING FAT
TITLE OF INVENTION: DEPOSITION AND THERAPETTIC METHODS FOR REDUCING FAT
TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
FILE REPRESENCE: 5245-20030.40
CURRENT FILING DATE: 2003-06-04
FRIOR FILING DATE: 2003-06-04
REIOR FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 99
NUMBER OF SEQ ID NOS: 99
NUMBER OF SEQ ID NOS: 99
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GRENEAL INFORMATION:
GRENEAL Hood, Lerry
APPLICANT: Nelson, Peter S
APPLICANT: Lin, Biacyang
TITLE OF INVENTION: Prostate-Specific Nucleic Acids
FILE REFERENCE: UOFW-1-18176
CURRENT APPLICATION NUMBER: US/10/019,348
CURRENT APPLICATION NUMBER: US/10/019,348
CURRENT APPLICATION NUMBER: PC1/US00/10920
PRIOR FILING DATE: 2000-04-21
PRIOR FILING DATE: 1999-04-23
PRIOR FILING DATE: 1999-04-23
PRIOR APPLICATION NUMBER: 60/151,585
PRIOR APPLICATION NUMBER: 60/174,003
PRIOR APPLICATION NUMBER: 60/174,003
PRIOR APPLICATION NUMBER: 60/177,751
PRIOR APPLICATION NUMBER: 60/177,751
CHUMBER OF SEQ ID NOS: 42
SOFTWARE: PATCHTING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 42
SEQ ID NO 19
LENGHH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 15.2; DB 1;
Pred. No. 1.7e+02;
0; Mismatches 3;
                                                                                                                                                                                         PCT-US03-17676-47/c
; Sequence 47, Application PC/TUS0317676
; GENERAL INFORMATION:
; APPLICANT: Sequenom, Inc.
                                                555 CCCAGCGAGCTCCTCCCAGA 574
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CTTC 841
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 3.8<sup>1</sup>
Best Local Similarity 85.0<sup>2</sup>
Matches 17; Conservative
Matches 17; Conservative
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LENGTH: 21
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                 TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                             ;
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                                                                                                                                                                                                                                                                                                                                          3.8%; Score 15.2; DB 1; Length 20; 85.0%; Pred. No. 1.7e+02;
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                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 29, Application US/10315765
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Sugan M. Freier
PAPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
FILE REFRENCE: Pro-0020
CURRENT APPLICATION NUMBER: US/10/315,765
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 103-37)
Sequence 203-37 Application US/10315765
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Preier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
FILE REFERENCE: PTS-0020
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 128
SEQ ID NO S1 ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-10-315-765-29
                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                   CURRENT APPLICATION NUMBER: US/10/303,778
CURRENT FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 17608
SOFTWARE: Patentin version 3.1
SEQ ID NO 634
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                         839 TTCTCTGAAGACAGGGTCCT 858
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                                                                                                                                                                                                                                       TYPE: DNA
CNGANISM: Homo sapiens
US-10-303-778-634
                                                                                                                                                                                                                                                                                                                                                            Local Similarity
nes 17; Conserva
                                                                    FILE REFERENCE: 47416
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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ORGANISM: H. sapiens
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Best Local Similarity
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SEQ ID NO 29 LENGTH: 20

FEATURE:

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Matches

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Query Match
Best Local Similarity 85.0
Matches 17; Conservative
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US-10-751-736-12863/c
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US-10-751-736-12863
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ORGANISM: RNAi
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APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AMIO0927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR APPLICATION NOWER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
SOFTWARE: Patentin version 3.2
SEQ ID NO 181
                                                                                                                                                                                                                                                                                                                                                                       Sequence 47, Application US/10455552

Sequence 47, Application US/10455552

GENERAL INFORMATION:

APPLICANT: Adam, Gail Isabel

APPLICANT: Adam, Gail Isabel

APPLICANT: Bondown, Maria

FILE REFERENCE: 52459-20030.00

CORRENT APPLICATION NUMBER: US/10/455,552

CORRENT FILING DATE: 2002-06-04

NUMBER OF SEQ ID NOS: 98

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 47

LENGTH: 21
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3.8%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3;
                                                                                                                           3.8%; Score 15.2; DB 1;
85.0%; Pred. No. 1.7e+02;
tive 0; Mismatches 3;
                              LOCATION: (1).7(21)
COTHER INFORMATION: ARSDR1 PCR primer 6A4N2
US-10-019-348-19
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GENERAL INFORMATION:
APPLICANT: Wyeth
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                                                                                                                                Query Match 3.8'
Best Local Similarity 85.0'
Matches 17; Conservative
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CRGANISM: homo sapiens
US-10-751-736-181
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US-10-455-552-47/c
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APPLICANT: Wyeth
APPLICANT: Wattinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICANTON NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICANTON NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: PatentIn version 3.2
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APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AMIOSOT (031896-002000)
CURRENT APPLICATION NUMBER: 105/10/751,736
CURRENT FILING DATE: 2003-01-06
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Pred. No. 1.7e+02;
0; Mismatches 3; Indels
Score 15.2; DB 1; Length 21; Pred. No. 1.7e+02; 0; Mismatches 3; Indels
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GENERAL INFORMATION:
APPLICANT: Wyeth
                                                                                                                                                                                                                                                                                    US-10-751-736-182/c
; Sequence 182, Application US/10751736
; GENERAL INFORMATION:
                                                                                                                    637 GGCTCCTAAGTCACAGACCT 656
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85.0%;
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Matches 17; Conserv
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CURRENT APPLICATION DATA:
CANCERS
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Matches 17; Conserv
TITLE OF INVENTION:
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APPLICANT: Martinez, Robert
APPLICANT: Barene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AMIO0927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT APPLICATION NUMBER: US/10/751,736
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SSQ ID NO 1698
LENGTH: 21
SEQ ID NO 1698
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US-10-751-736-38368, Application US/10751736
| GENERAL INFORMATION:
| APPLICANT: Wyeth
| APPLICANT: Brown, Eugene
| APPLICANT: Liu, Wei
| TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
                                   Sequence 14101, Application US/10751736
GENERAL INFORMATION:
APPLICANT: Wyell
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liv, Weil
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
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FILE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
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85.0%; Pred. No. 1.7e+02;
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GENERAL INFORMATION:
APPLICANT: Wyeth
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                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: homo sapiens
US-10-751-736-14101
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Best Local Similarity
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                      US-10-751-736-14101/c
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US-10-751-736-17698
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                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 14101
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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US-10-310-188-16316
Sequence 16316, Application US/10310188
Sequence 16316, Application US/10310188
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
FILE REPREBRICE: 47487
CURRENT APPLICATION VUMBER: US/10/310,188
CURRENT PILLIG DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
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FILE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SECFTWARE: Patentin version 3.2
SECTION NO 38368
LENGTH: 21
                                                                                                                                                                                                                                                                                                                    3.8%; Score 15.2; DB 1; Length 21; 85.0%; Pred. No. 1.7e+02;
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1.7e+02;
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GENERAL INFORMATION:
APPLICANT: Chowrira, Bharat
MCSWiggen, James
TITLE OF INVENTION: HAIRPIN RIBOZYMES
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Silte 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSEQ for Windows 2.0
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MEDIUM TYPE: 3.5" Diskette, 1.44
                                                                                                                                                                                                                                                                                                                                                                                                                     624 GGTTCCTGAGAGAGGCTCCT 643
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SEQ ID NO 16316
LENGTH: 19
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                      17; Conservative
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ZIP: 90071-2066
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US-10-310-188-16316
                                                                                                                                                                                                                         ; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-38368
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3.7%; Score 14.8; DB 1;
88.9%; Pred. No. 1.7e+02;
tive 0; Mismatches 2;
                   TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 27:
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                                                                                                                                                                                                                                                                                                             PCT-US03-05045-188/c
; Sequence 188, Application PC/TUS0305045
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Sirna Therapuetics Inc.
PAPPLICANT: MCSWiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
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                                                                                                                                                                                      840 TCTCTGAAGACAGCGTCC 857
  STRANDEDNESS: single
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ORGANISM: Artificial Sequence
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Matches 16; Conservative
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PCT-US03-05045-247
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US-09-451-662-27
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STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 27, Application US/09451662
GENERAL INFORMATION:
APPLICANT: Chowrira, Bharat
MCSWiggen, James
TITLE OF INVENTION: HAIRPIN RIBOZYMES
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: LYON & Lyon
STREET: 633 West Fifth Street
Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/773,297
FILING DATE: CURMOWN:
ATTONEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
RELERBENCE/DOCKET NUMBER: 223/225
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION VUMBER: 32,327
REPERENCE/DOCKET NUMBER: 223/225
TELECHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSEQ for Windows 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
APPLICATION NUMBER: US/09/451,662
FILING DATE: 30-Nov-1999
CLESSIFICATION: <UNKNOWN>
PRIOR APPLICATION DATE:
APPLICATION NUMBER: 08/773,297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/451,662
FILING DATE: 30-Nov-1999
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                ; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-451-662-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (213) 489-160
TELEFAX: (213) 955-0440
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TYPE: nucleic acid
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                                                                                                                                                                                                                                                                        TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
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nes 16; Conservative
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Matches
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APPLICANT: Posnaugh, Mathy
APPLICANT: Posnaugh, Mathy
APPLICANT: Jamison, Sharon
TITLE OF INVENTION: RAL Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: RAL Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: RAL Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: RAL Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: RANDER: 2003-05-07
FILE REFERENCE: 400/081 (MBHB 02-468-B)
CURRENT FILING DATE: 2003-05-07
PRIOR APPLICATION NUMBER: US 10/251,117
PRIOR PILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-05-19
PRIOR FILING DATE: 2002-05-19
PRIOR FILING DATE: 2002-05-19
PRIOR PILING DATE: 2002-05-19
PRIOR PILING DATE: 2002-05-11
PRIOR PILING DATE: 2002-06-06
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SOFTWARE: PatentIn version 3.2
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Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
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APPLICANT: Sirna Therapuetics Inc.
APPLICANT: Sirna Therapuetics Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
APPLICANT: Posnaugh, Kathy
APPLICANT: Fornaugh, Kathy
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
FILE OF INVENTION NUMBER: PCT/US03/05045
CURRENT APPLICATION NUMBER: 2003-05-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region PCT-US03-05045-437
                                                 PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2002-05-29
PRIOR FILING DATE: 2002-05-29
PRIOR PLING DATE: 2002-02-20
PRIOR PLING DATE: 2002-02-20
PRIOR PLING DATE: 2002-02-20
PRIOR PLING DATE: 2002-02-11
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR PLING DATE: 2002-06-16
PRIOR FILING DATE: 2002-06-06
PRIOR PLING DATE: 2002-06-06
PRIOR PLING DATE: 2002-06-06
PRIOR PLING DATE: 2002-06-06
PRIOR PLING DATE: 2002-06-29
PRIOR PLING DATE: 2002-06-39
PRIOR PLING DATE: 2002-06-30
PRIOR PLING DATE: 2
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PRIOR APPLICATION NUMBER: US 60/393,924

PRIOR APPLICATION NUMBER: US 10/251,117

PRIOR APPLICATION NUMBER: US 10/163,552

PRIOR APPLICATION NUMBER: US 10/163,552

PRIOR APPLICATION NUMBER: US 10/163,552

PRIOR PLING DATE: 2002-06-06

PRIOR PLING DATE: 2002-10-21

PRIOR PLING DATE: 2002-10-21

PRIOR PLING DATE: 2002-05-05

PRIOR PLING DATE: 2001-07-05-05

PRIOR PLING DATE: 2001-05-29

PRIOR PLING DATE: 2001-05-29

PRIOR PLING DATE: 2002-05-29

PRIOR PLING DATE: 2002-05-29

PRIOR PLING DATE: 2002-05-29

PRIOR PLING DATE: 2002-05-29

PRIOR PLING DATE: 2002-06-06

PRIOR FILING DATE: 2002-06-06

PRIOR PLING DATE: 2002-06-06

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Pred. No. 1.7e+02;
3; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   764 GGCCTCCACTTCTGAGGG 781
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SEQ ID NO 496
LENGTH: 19
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Best Local Similarity 72.2%;
Matches 13; Conservative
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GENERAL INFORMATION:
APPLICANT: Sirrar Therapuetics Inc.
APPLICANT: Baigen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Peaco, Pamela
APPLICANT: Peaco, Pamela
APPLICANT: Peaco, Pamela
APPLICANT: Formaugh, Kathy
APPLICANT: Formaugh, Kathy
APPLICANT: Formaugh, Kathy
APPLICANT: Formaugh, Kathy
APPLICANT: Jamison, Sharon
TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
TITLE OF INVENTION NUMBER: US 0/393,924
FRIOR FILING DATE: 2002-07-03
FRIOR APPLICATION NUMBER: US 10/251,117
FRIOR APPLICATION NUMBER: US 10/163,552
FRIOR FILING DATE: 2002-06-06
FRIOR APPLICATION NUMBER: US 10/277,494
                                                                                                                                                                                                            APPLICANT: Fosnaugh, Kathy
APPLICANT: APPLICANT: Amalon, Sharon
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
FILE REFERENCE: 400/081 (MRHB 02-468-B)
CURRENT APPLICATION NUMBER: PCT/US03/05045
CURRENT FILING DATE: 2003-05-07
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OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense
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NUMBER OF SEQ ID NOS: 1263
SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT RELIGION NUMBER: US 60/393,924
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR APPLICATION NUMBER: US 10/251,117
PRIOR PILING DATE: 2002-0-19
PRIOR FILING DATE: 2002-0-6-6
PRIOR FILING DATE: 2002-0-6-6
PRIOR PILING DATE: 2002-0-6-6
PRIOR APPLICATION NUMBER: US 10/277,494
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR PILING DATE: 2001-07-25
PRIOR PILING DATE: 2002-0-6-29
PRIOR PILING DATE: 2002-0-6-30
PRIOR PILING DATE: 2002-0-6-6
PRIOR PILING DATE: 2002-0-6-6
PRIOR FILING DATE: 2002-0-6-0
PRIOR PILING DATE: 2002-0-11
PRIOR FILING DATE: 2002-0-11
PRIOR PILING DATE: 2002-0-11
PRIOR FILING DATE: 2002-0-6-06
PRIOR FILING DATE: 2002-0-11
PRIOR FILING DATE: 2002-0-11
PRIOR FILING DATE: 2002-0-6-06
PRIOR FILING DATE: 2002-0-6-06
PRIOR FILING DATE: 2002-0-6-06
PRIOR FILING DATE: 2002-0-6-06
Sirna Therapuetics Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         582 TTTTGTTCTGTTTTCTA 599
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                                                                                                                                                                Pavco, Pamela
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PCT-US03-05045-247
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LENGTH: 19
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APPLICANT: FOSDBAUGH, Kathy
APPLICANT: FOSDBAUGH, Kathy
APPLICANT: Jamelson, Sharon
TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
FILE REFERENCE: 400/0010 (MBHB 02-468-B)
CURRENT PILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: PCT/US03/05045
CURRENT PILING DATE: 2002-06-07
PRIOR FILING DATE: 2002-06-07
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2001-07-07
PRIOR FILING DATE: 2001-07-07
PRIOR FILING DATE: 2001-07-05
PRIOR FILING DATE: 2001-07-05
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-07-26
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-12
PRIOR FILING DATE: 2002-03-12
PRIOR FILING DATE: 2002-03-12
PRIOR FILING DATE: 2002-06-06
PRIOR PAIN.
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APPLICANT: Immusol, Inc. et al.
TITLE OF INVENTION: RIBOZYMB THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS THIS OF INVENTION WIMBER: US/09/453,607A
CURRENT APPLICATION NUMBER: US/09/453,607A
NUMBER OF SEQ ID NOS: 4388
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2576
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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88.9%; Pred. No. 1.7e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Cyclin G1 ribozyme binding site US-09-453-607A-2576
                         : Sirna Therapuetics Inc.: McSwiggen, James
: Beigelman, Leonid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     676 GCGGACCCCCAGGGCCAC 693
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 926
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US-09-453-607A-2576
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                                                          APPLICANT:
APPLICANT:
APPLICANT:
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Sequence 619, Application PC/TUS0305045

GENERAL INFORMATION:

APPLICANT: Sirna Therapuetics Inc.

APPLICANT: Beigelman, Leonid

APPLICANT: Beigelman, Leonid

APPLICANT: Ponco, Pamela

APPLICANT: Ponco, Pamela

APPLICANT: Jamison, Sharon

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor

TITLE OF INVENTION: RNA Interference Expression Using Short Interfering RNA

FILE REFERENCE: 400/081 (MBHB 02-468-B)

CURRENT APPLICATION NUMBER: PCT/US03/05045

CURRENT FILE OF INVENTION NUMBER: DCT/US03/05045
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                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
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PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-10-06
PRIOR PILING DATE: 2002-10-11
PRIOR PILING DATE: 2002-10-21
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR PILING DATE: 2002-05-29
PRIOR PILING DATE: 2002-05-29
PRIOR PILING DATE: 2002-03-30
PRIOR PILING DATE: 2002-03-31
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                                                                                                                                                                                                      3.7%; Score 14.8; DB 1; Length 19; 88.9%; Pred. No. 1.7e+02; Live 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/393,924 PRIOR FILING DATE: 2002-07-03 PRIOR APPLICATION NUMBER: US 10/251,117 PRIOR FILING DATE: 2002-09-19
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PCT-US03-05045-926
; Sequence 926, Application PC/TUS0305045
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SEQ ID NO 619
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
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Matches 16; Conservative
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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
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APPLICANT: Riborate Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
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GENERAL INFORMATION:
APPLICANT: Immusol, Inc. et al.
TITLE OF INVENTION: RESTENOSIS
FILE REFERENCE: 480124.406
CURRENT APPLICATION NUMBER: US/09/453,607C
CURRENT APPLICATION NUMBER: 05/09/453,607C
CURRENT FILING DAITE: 1999-12-07
NUMBER OF SEQ ID NOS: 4389
SOFTWARE: Patentin Ver. 2.0
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Sequence 2756, Application US/09696791
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILLE REPERENCE: 480124.407
FILLE REPERENCE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2576
LENTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 14.8; DB 1; Length 19;
Pred. No. 1.7e+02;
0; Mismatches 2; Indels
Indels
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0; Mismatches
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                                       537 CCTCTGCTCCTAGGCCTC 554
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Best Local Similarity 88.9%;
Matches 16; Conservative
  16; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                             US-09-453-607C-2576
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LENGTH: 19
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  Matches
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APPLICANT: MCSWiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
FILE REFERENCE: 900/042 (WHHB02-468-A)
CURRENT FILING DATE: 2003-02-24
CURRENT FILING DATE: 2003-02-24
FRIOR FILING DATE: 2002-07-03
FRIOR FILING DATE: 2002-06-06
FRIOR FILING DATE: 2002-06-06
FRIOR FILING DATE: 2002-06-06
FRIOR FILING DATE: 2001-06-06
FRIOR FILING DATE: 2001-07-25
FRIOR PAPLICATION NUMBER: US 60/296,249
FRIOR FILING DATE: 2001-06-06
FRIOR FILING DATE: 2001-06-06
FRIOR FILING DATE: 2010-07-25
FRIOR PAPLICATION NUMBER: US 60/296,249
FRIOR FILING DATE: 2010-07-25
FRIOR FILING DATE: 2010-07-25
FRIOR FILING DATE: 2010-07-25
FRIOR FILING DATE: 2010-07-25
FRIOR FILING DATE: 2010-06-06
FRIOR FILING DATE: 2010-06-06
FRIOR FILING DATE: 2010-07-25
FRIOR FILING DATE: 2010-07-25
FRIOR FILING DATE: 2010-06-06
FRIOR FILING DATE: 2010-06-06
FRIOR APPLICATION NUMBER: US 60/296,249
FRIOR FILING DATE: 2010-07-25
FRIOR FILING DATE: 2010-06-06
FRIOR FILING DATE: 2010-06-06
FRIOR FILING DATE: 2010-06-06
FRIOR FILING DATE: 2010-06-06
FRIOR FILING DATE: 2010-07-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense US-10-251-117-188
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Gene Expression Using Short Interfering RNA
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Pred. No. 1.7e+02;
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                                                                         FILM KEREKOLE: JOU/VAZ (WINDLOZ-10-17); CURRENT PEDFLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-05-03
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PATENTIN VETRION 3.0
SEQ ID NO 188
LENGTH: 19
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Best Local Similarity 88.9%;
Matches 16; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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GREEAL INFORMATION:

APPLICANT: McSwiggen, James

APPLICANT: McSwiggen, James

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor RivENTION RNA Interference Mediated Inhibition of Epidermal Growth Factor RivENTION: Gene Expression Using Short Interfering RNA

TITLE OF INVENTION: RNA INTERFERENCE: 900/042 (MBHB02-468-A)

CURRENT APPLICATION NUMBER: US/10/251,117

CURRENT APPLICATION NUMBER: US 60/393,924

PRIOR FILING DATE: 2002-07-03

PRIOR FILING DATE: 2002-06-06

PRIOR FILING DATE: 2002-06-06

PRIOR FILING DATE: 2001-06-06

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2001-07-25

PRIOR FILING DATE: 2001-07-25

PRIOR APPLICATION NUMBER: US 60/296,249

PRIOR FILING DATE: 2001-07-25

PRIOR APPLICATION NUMBER: US 60/296,249

PRIOR FILING DATE: 2001-07-25

PRIOR FILING DATE: 2001-06-06

NUMBER OF SEQ ID NOS: 1213

SOFTWARE: Patentin Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: MCSWiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor RUTILE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
FRICR FILING DATE: 2003-02-03
FRICR FILING DATE: 2002-07-03
FRICR FILING DATE: 2002-06-06
FRICR FILING DATE: 2002-06-06
FRICR FILING DATE: 2002-02-07
FRICR FILING DATE: 2002-02-07
FRICR FILING DATE: 2002-02-07
FRICR FILING DATE: 2001-07-25
FRICR FILING DATE: 2001-07-25
FRICR FILING DATE: 2001-07-25
FRICR APPLICATION NUMBER: US 60/296,249
FRICR FILING DATE: 2001-06-06
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Pred. No. 1.7e+02;
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0; Mismatches
                                                                                                                                                                                                                                                                                                           Sequence 673, Application US/10251117
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 980, Application US/10251117 GENERAL INFORMATION:
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                                                                     CTA 599
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SOFTWARE: Patentin version 3.0
SEQ ID NO 673
LENGTH: 19
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Best Local Similarity 88.9%;
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16; Conservative
                                                                     582 TTTTGTTCTGTTT
                                                                                                                                          18 TTTIGT
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US-10-251-117-980
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CURRENT FILING DATE: 2003-02-07-03

PRIOR FILING DATE: 2002-07-03

PRIOR FILING DATE: 2002-06-06

PRIOR FILING DATE: 2002-06-06

PRIOR FILING DATE: 2001-06-06

PRIOR FILING DATE: 2001-07-25

PRIOR FILING DATE: 2001-07-25

PRIOR FILING DATE: 2001-07-05

NUMBER OF SEQ ID NOS: 1213

SOFTWARE: Patentin version 3.0

SEQ ID NO 496

LINGTH 1.19
                                                                                                                               APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT APPLICANTION NUMBER: US 60/393,924
PRIOR PILING DATE: 2003-02-24
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR PILING DATE: 2001-07-25
PRIOR PILING DATE: 2001-07-25
PRIOR PILING DATE: 2001-06-06
PRIOR FILING DATE: 2001-06-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-251-117-437
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Pred. No. 1.7e+02;
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                         Sequence 437, Application US/10251117 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 72.2%;
Matches 13; Conservative
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Best Local Similarity
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GENERAL INFORMATION:
APPLICANT: Stuart F. Schlossman, Lee M. Nadler
APPLICANT: Stuart F. Schlossman, Lee M. Nadler
TITLE OF INVENTION: FROM BONE MARROW USING MICROSPHERES AND
TITLE OF INVENTION: MONOCLONAL ANTIBODIES
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS: Silverman, Cass & Singer
STREET: 105 West Adams Street, 27th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.8; DB 1; Length 20;
Pred. No. 1.8e+02;
0; Mismatches 2; Indels
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                   TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND ASTITLE OF INVENTION: VECTORS FOR EXPRESSION OF TITLE OF INVENTION: ANTIGENIC SEQUENCES FILE OF INVENTION: ANTIGENIC SEQUENCES CURRENT APPLICATION NUMBER: PCT/US03/05271 CURRENT FILING DATE: 2003-05-21 NUMBER OF SEQ ID NOS: 389 SSCFWARR: FALSEQ for Windows Version 4.0 SEQ ID NO 35 LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: METHODS OF TREATING AND PREVENTING TITLE OF INVENTION: RSV, HMPV, AND PIV USING ANTI-RSV, TITLE OF INVENTION: ANTI-HMPV, AND ANTI-PIV ANTIBODIES FILE REFERENCE: 10271-072-228

CURRENT APPLICATION NUMBER: PCT/US03/23376

CURRENT FILING DATE: 2003-07-28

PRIOR FILING DATE: 2002-07-25
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Pred. No. 1.8e+02;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 35
LENGTH: 20
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GENERAL INFORMATION:
APPLICANT: MedImmune, Inc.
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88.9%;
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Best Local Similarity 88.93
Matches 16; Conservative
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Best Local Similarity 88.9
Matches 16, Conservative
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US-08-339-516-6
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GENERAL INFORMATION:
APPLICANT: RosettaGemonics
TITLE OF INVENTION: USES THEREOF
TITLE OF INVENTION UNDHER: US/10/310,188
CURRENT APPLICATION NUMBER: US/202-12-19
SOFTWARE: Patentin version 3.1
SSO ID NO 58104
                                                                                                                                                                                                                                                                                                                                                                Sequence 1972, Application US/10310188
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: RosettaGenoics
APPLICANT: RosettaGenoics
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86641
SOFTWARE: Patentin version 3.1
                                             ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-251-117-980
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                                                                                                                   Length 19;
                                                                                                                Score 14.8; DB 1; Length 1
Pred. No. 1.7e+02;
0; Mismatches 2; Indels
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ORGANISM: Artificial Sequence
                                                                                                                   Query Match 3.7%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local Similarity 88.9
Matches 16; Conservative
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ORGANISM: Homo sapiens
US-10-310-188-1972
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 16; Conserva
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US-10-310-188-58104/c
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LENGTH: 19
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R FILING DATE: 1999-07-26
R APPLICATION NUMBER: 60/146222
R FILING DATE: 1999-07-28
R FILING DATE: 1999-07-28
R FILING DATE: 1999-08-17
R APPLICATION NUMBER: 60/151689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1999-08-31
APPLICATION NUMBER: 08/625328
FILING DATE: 1996-04-01
APPLICATION NUMBER: 08/710802
FILING DATE: 1996-09-23
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FILING DATE: 1997-03-31
APPLICATION NUMBER: 08/928069
FILING DATE: 1997-09-11
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FILING DATE: 1997-02-14
PAPLICATION NUMBER: 08/828683
FILING DATE: 1997-03-31
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FILING DATE: 1997-09-19
APPLICATION NUMBER: 09/143068
FILING DATE: 1998-08-28
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APPLICATION NUMBER: 09/254311
FILING DATE: 1999-03-03
APPLICATION NUMBER: 09/304003
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APPLICATION NUMBER: 60/123972
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APPLICATION NUMBER: 60/133459
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APPLICATION NUMBER: 60/140650
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APPLICATION NUMBER: 60/140653
FILING DATE: 1999-06-22
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FILING DATE: 1999-07-20
APPLICATION NUMBER: 60/145698
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FILING DATE: 1998-08-28
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FILING DATE: 1998-10-09
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APPLICATION NUMBER: 60/112851
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                                                                                                                                                                                  APPLICATION NUMBER: 60/066772
                                                                                                                                                                                                       FILING DATE: 1997-11-24
APPLICATION NUMBER: 60/067411
                                                                                                                                                                                                                                                            FILING DATE: 1997-12-03
APPLICATION NUMBER: 60/069862
                                                                                                                                                                                                                                                                                                                FILING DATE: 1997-12-17
APPLICATION NUMBER: 60/082700
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FILING DATE: 1998-10-07
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FILING DATE: 1997-10-17
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                                                    1997-10-2
                                                                                                        1997-10-24
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3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 in., 360 KD COMPUTER: Zenith, Model ZF-148-41.

APPLICATION NUMBER: US/08/339,516

FILING DATE: 14-NOV-1994

CLASSIFICATION NUMBER: US/07/99,087

FILING DATE: NOVEMBER: US/07/799,087

FILING DATE: NOVEMBER: 17,480

REPERRENCE/DOCKET NUMBER: 17,480

REPERRENCE/DOCKET NUMBER: 129,182

TELECOMMUNICATION INFORMATION:

TELEFRANCE (312) 726-6006

TELEFAX: (312) 726-6006

TELEFAX: (312) 726-2520

INFORMATION POOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
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CURRENT APPLICATION NUMBER: US/09/927,796
CURRENT FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 60/014699
PRIOR PILING DATE: 1996-04-01
PRIOR APPLICATION NUMBER: 60/026943
PRIOR PILING DATE: 1996-09-23
PRIOR PILING DATE: 1997-07-17
PRIOR PILING DATE: 1997-07-17
PRIOR PILING DATE: 1997-07-17
PRIOR PILING DATE: 1997-09-19
PRIOR PILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/062037
PRIOR PILING DATE: 1997-10-10
PRIOR PILING DATE: 1997-10-10
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APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scot A.
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Pitti, Robert M.
Roy, Margaret Ann
Smith, Victoria
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Watanabe, Colin K.
Wood, William I.
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STRANDEDNESS: sing
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FILING DATE: 2001-08-25 APPLICATION NUMBER: PCT/US97/05230 LICATION NUMBER: PCT/US98/19330 ING DATE: 1998-09-16 FILING DATE: 1998-09-16 APPLICATION NUMBER: PCT/US98/21407 FILING DATE: 1998-10-09 APPLICATION NUMBER: PCT/US98/25108 FILLING DATE: 1998-12-01 APPLICATION NUMBER: PCT/US99/05028 APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-12-01 APPLICATION NUMBER: PCT/US99/28634 APPLICATION NUMBER: PCT/US99/28565 FILING DATE: 1999-12-02 APPLICATION NUMBER: PCT/US00/00219 APPLICATION NUMBER: PCT/US00/03565 FILING DATE: 2000-02-11 APPLICATION NUMBER: PCT/US00/04341 APPLICATION NUMBER: PCT/US00/04342 APPLICATION NUMBER: PCT/US00/05841 APPLICATION NUMBER: PCT/US98/19094 APPLICATION NUMBER: PCT/US99/12252 APPLICATION NUMBER: PCT/US99/20111 APPLICATION NUMBER: PCT/US99/28313 APPLICATION NUMBER: PCT/US99/28301 FILING DATE: 2000-03-02
APPLICATION NUMBER: PCT/US00/06884 R FILING DATE: 2001-06-01

R APPLICATION NUMBER: 09/884733

R FILING DATE: 2001-06-19

R FILING DATE: 2001-06-19

R FILING DATE: 2001-06-19

R APPLICATION NUMBER: 09/866028 R FILING DATE: 2000-02-23
R APPLICATION NUMBER: 09/664610
R FILING DATE: 2000-09-18
R APPLICATION NUMBER: 09/665350
R FILING DATE: 2000-09-18
R APPLICATION NUMBER: 09/690169 R FILING DATE: 1999-10-18
R APPLICATION NUMBER: 09/423844
R FILING DATE: 1999-11-12
R APPLICATION NUMBER: 09/511133
R FILING DATE: 2000-02-23
R APPLICATION NUMBER: 09/511631 FILING DATE: 1999-08-25
APPLICATION WINBER: 09/380138
FILING DATE: 1999-08-25
APPLICATION NUMBER: 09/380139 FILING DATE: 2000-10-16 APPLICATION NUMBER: 09/690189 FILING DATE: 2000-10-16
APPLICATION WINBER: 09/709238
FILING DATE: 2000-11-18
APPLICATION NUMBER: 09/866034 FILING DATE: 2001-05-25 APPLICATION NUMBER: 09/872035 FILING DATE: 1999-08-25 APPLICATION NUMBER: 09/403297 2000-01-05 LING DATE: 1999-03-08 ILING DATE: 1999-11-30 ILING DATE: 2000-02-22 LING DATE: 1998-09-14 ILING DATE: 1999-06-02 LING DATE: 1999-09-15 2000-02-18 LING DATE: 1997-03-31 1999-09-01 LING DATE: FILING DATE: FILING DATE: FILING DATE: PRICOR PR

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IITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 14.8; DB 1;
Pred. No. 1.8e+02;
PRIOR APPLICATION NUMBER: PCT/USO0/08439
PRIOR FILING DATE: 2000-03-30
PRIOR FILING DATE: 2000-03-30
PRIOR PILING DATE: 2000-05-17
PRIOR PILING DATE: 2000-05-17
PRIOR PILING DATE: 2000-05-30
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2000-06-02
PRIOR PILING DATE: 2000-06-01
PRIOR PILING DATE: 2001-06-01
PRIOR PILING DATE: 2001-06-20
PRIOR PILING DATE: 2001-06-29
NUMBER OF SEQ ID NOS: 258
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 3.7%; Score 14.8; E
Best Local Similarity 88.9%; Pred. No. 1.8e
Matches 16; Conservative 0; Mismatches
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CURRENT FILING DATE: 2002-08-02
PRIOR PELLING DATE: 2002-08-02
PRIOR PELLING DATE: 1996-04-01
PRIOR PELLING DATE: 1996-04-01
PRIOR APPLICATION NUMBER: 60/026943
PRIOR FILING DATE: 1996-09-23
PRIOR PILLING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: 60/05932
PRIOR APPLICATION NUMBER: 60/05932
PRIOR APPLICATION NUMBER: 60/05337
PRIOR FILING DATE: 1997-0-19
PRIOR FILING DATE: 1997-10-10
PRIOR PELLING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063045
PRIOR PILLING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR PELLING DATE: 1997-10-24
PRIOR PELLING DATE: 1997-10-24
PRIOR PELLING DATE: 1997-10-24
PRIOR PELLING DATE: 1997-10-24
PRIOR FILING DATE: 1997-10-24
PRIOR FILING DATE: 1997-10-24
PRIOR FILING DATE: 1997-11-24
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Watanabe, Colin K.
Wood, William I.
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Godowski, Paul J.
Gurney, Austin L.
Hillan, Kenneth J.
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Roy, Margaret Ann
Smith, Victoria
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APPLICANT:
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HILLE REFERENCE: P2931RICH
CURRENT APPLICATION NUMBER: US/10/211,884
CURRENT APPLICATION NUMBER: US/10/211,884
CURRENT APPLICATION NUMBER: US/10/211,884
CURRENT FILING DATE: 2002-08-02
FRIOR APPLICATION NUMBER: 60/014699
FRIOR PILING DATE: 1996-04-01
FRIOR APPLICATION NUMBER: 60/05913
FRIOR PILING DATE: 1997-09-13
FRIOR APPLICATION NUMBER: 60/059121
FRIOR PILING DATE: 1997-09-17
FRIOR APPLICATION NUMBER: 60/059352
FRIOR PILING DATE: 1997-09-10
FRIOR APPLICATION NUMBER: 60/062037
FRIOR APPLICATION NUMBER: 60/063755
FRIOR APPLICATION NUMBER: 60/063755
FRIOR PILING DATE: 1997-10-17
FRIOR PILING DATE: 1997-10-24
FRIOR PILING DATE: 1997-10-24
FRIOR APPLICATION NUMBER: 60/066511
FRIOR APPLICATION NUMBER: 60/066511
FRIOR APPLICATION NUMBER: 60/066511
FRIOR PILING DATE: 1997-11-24
FRIOR PILING DATE: 1997-11-24
FRIOR FILING DATE: 1997-11-24
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APPLICANT: Wood, William I.
TILLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
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                         Pred. No. 1.8e+02;
; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 14.8; DB 1;
Pred. No. 1.8e+02;
0; Mismatches 2;
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Sequence 23264
Sequence 23364, Application US/10310188
GENERAL INFORMATION:
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                                                                                                                           777
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Best Local Similarity 88.9%;
Matches 16; Conservative
                     Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                           760 CCTAGGCCTCCACTTCTG
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Roy, Margaret Ann
Smith, Victoria
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APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
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PRIOR APPLICATION NUMBER: 60/026943
PRIOR PILING DATE: 1996-09-23
PRIOR PILING DATE: 1996-09-23
PRIOR PILING DATE: 1997-07-17
PRIOR PILING DATE: 1997-07-17
PRIOR PILING DATE: 1997-09-19
PRIOR PILING DATE: 1997-10-10
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-10-24
PRIOR PILING DATE: 1997-10-24
PRIOR PILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066772
PRIOR PILING DATE: 1997-11-24
PRIOR PILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066772
PRIOR APPLICATION NUMBER: 60/066772
PRIOR APPLICATION NUMBER: 60/066772
PRIOR PILING DATE: 1997-11-24
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APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
FILE REFERENCE: P2931R1C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
PRIOR APPLICATION NUMBER: 60/066772
PRIOR FILING DATE: 1997-11-24
Remaining Prior Application data removed - See File Wrapper or FALM.
NUMBER OF SEQ ID NOS: 258
SEQ ID NO 214
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 3.7%; Score 14.8; DB 1; Length 20; Best Local Similarity 88.9%; Pred. No. 1.8e+02; Matches 16; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Synthetic Oligonucleotide Probe. US-10-210-951-214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/211,858
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: 60/014699
PRIOR FILING DATE: 1996-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 214, Application US/10211858
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               760 CCIAGGCCICCACTICTG 777
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ORGANISM: Artificial Sequence
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Pan, James
Pitti, Robert M.
Roy, Margaret Ann
Smith, Victoria
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Godowski, Paul J.
Gurney, Austin L.
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; OTHER INFORMATION: Primer US-10-628-088-35
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LENGTH: 20
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TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENETITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT PILLIOR DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: Patentin version 3.1
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88.9%; Pred. No. 1.8e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                    Length 20;
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APPLICANT: Tang, Roderick
APPLICANT: Tang, Roderick
APPLICANT: Fouchier, Ronaldian
APPLICANT: Fouchier, Ronaldian
APPLICANT: Van Den Hoogen, Bernadetta
APPLICANT: Van Den Hoogen, Bernadetta
APPLICANT: Osterhaus, Albertus
TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
TITLE OF INVENTION: ANTIGENIC SEQUENCES
FILE REFRERENCE: 7682-063-99
CURRENT APPLICATION NUMBER: US/10/371,099
CURRENT FILING DATE: 2003-02-21
NUMBER OF SEQ ID NOS: 389
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 35
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: FOUGHIER, Ronaldus
APPLICANT: Van Den Hoogen, Bernadetta
APPLICANT: Osterhaus, Albertus
TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
TITLE OF INVENTION: APPLICANCE
FILE REFERENCE: 7682-066-999
CURRENT APPLICATION NUMBER: US/10/371,122
CURRENT FILING DATE: 2003-02-21
                                                                                                                                                                                                                                                                                             Score 14.8; DB 1;
Pred. No. 1.8e+02;
0; Mismatches 2;
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GENERAL INFORMATION:
APPLICANT: Haller, Aurelia
APPLICANT: Tang, Roderick
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88.98;
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ORGANISM: Artificial Sequence
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Best Local Similarity 88.3.
Loca 16; Conservative
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Best Local Similarity 88.9
Matches 16; Conservative
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                                                                                                                                                                                                                                 ; ORGANISM: Homo sapiens US-10-310-188-23264
                                                                                                                                                             SEQ ID NO 23264
LENGTH: 20
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APPLICANT: Haller, Ronaldus
APPLICANT: Tang, Roderick
APPLICANT: Fouchher, Ronaldus
APPLICANT: Van Den Hoogen, Bernadetta
APPLICANT: Osterhaus, Albertus
TITLE OF INVENTION: WETAPNEUMOVIRUS STRAINS AND THEIR
TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS:
TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
TITLE OF TAVENTION: VECTORS FOR EXPRESSION OF
TITLE OF TAVENTION NUMBER: US/60/465,811
CURRENT FILING DATE: 2003-04-25
PRIOR FILING DATE: 2003-04-25
PRIOR FILING DATE: 2003-02-21
NUMBER OF SEQ ID NOS: 389
                                                                                                                                                                                                                                                                                                                                      Indels
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APPLICANT: Osterhaus, Albertus
APPLICANT: Osterhaus, Albertus
TITLE OF INVENTION: METHODS OF TREATING AND PREVENTING
TITLE OF INVENTION: RSV, HMPV, AND PIV USING ANTI-RSV,
TITLE OF INVENTION: ANTI-HMPV, AND PIV USING ANTI-RSV,
TITLE OF INVENTION: ANTI-HMPV, AND ANTI-PIV ANTIBODIES
FILE REPERBACE: 10271-072-999
CURRENT PELLICATION NUMBER: US/10/628,088
CURRENT FILING DATE: 2003-07-25
PRIOR APPLICATION NUMBER: 60/398,475
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Pred. No. 1.8e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                 Score 14.8; DB 1;
Pred. No. 1.8e+02;
0; Mismatches 2;
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NUMBER OF SEQ ID NOS: 437
SOFTWARE: FastSEQ for Windows Version 4.0
NUMBER OF SEQ ID NOS: 389
SOFTWARR: FastSEQ for Windows Version 4.0
SEQ ID NO 35
LENGTH: 20
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ORGANISM: Artificial Sequence
                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local Similarity 88.9%;
Matches 16; Conservative
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                            Score 14.8; DB 1; Length 20;
Pred. No. 1.8e+02;
0; Mismatches 2; Indels
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Sequence 35 Application US/60480658

GENERAL INFORMATION:
APPLICANT: Haller, Aurelia
APPLICANT: Fouchier, Ronaldus
APPLICANT: Fouchier, Ronaldus
APPLICANT: Van Den Hoogen, Bernadetta
APPLICANT: Osterhaus, Albertus
TITLE OF INVENTION: WETAPNEUMOVIRUS STRAINS AND THEIR
TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
TITLE OF INVENTION: ANTIGENIC SEQUENCES
FILE REFERENCE: 768-076-888
CURRENT APPLICATION NUMBER: US/60/480,658
CURRENT APPLICATION NUMBER: 2003-06-20
NUMBER OF SEQ ID NOS: 389
SEQ ID NOS: 389
LENGTHAR: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Haller, Aurelia
APPLICANT: Haller, Roderick
APPLICANT: Fouchier, Ronaldus
APPLICANT: Fouchier, Ronaldus
APPLICANT: Van Den Hoogen, Bernadetta
APPLICANT: Osterhaus, Albertus
TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
TITLE OF INVENTION: ANTIGRNIC SEQUENCES
FILE REFERENCE: 768-075-088
CURRENT APPLICATION NUMBER: US/60/466,776
CURRENT FILING DATE: 2003-04-30
                                                                                                                                                                                                                                       0; Mismatches
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SOFTWARES FastSEQ for Windows Version 4.0
SEQ ID NO 35
LENGTH: 20
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                           US-60-466-776-35; Sequence 35, Application US/60466776; GENERAL INFORMATION:
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ilarity 88.9%;
Conservative (
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                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Primer US-60-466-776-35
                                                                                                                      ; OTHER INFORMATION: Primer US-60-465-811-35
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                            Local Similarity
es 16; Conserv
                  SEQ ID NO 35
LENGTH: 20
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ASOUTH 43.2

SEQUENCE 61896, Application US/10310188

SEQUENCE 61896, Application US/10310188

GENERAL INFORMATION:
GENERAL TOOR

TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE:
TITLE OF INVENTION: USES THEREOF

FILE REFERENCE: 47487

CURRENT FILING DATE: 2002-12-19

CURRENT FILING DATE: 2002-12-19

NUMBER OF SEQ ID NOS: 86841

SOFTWARE: PATENTIN VERSION 3.1

SEQ ID NO 61896

LENGTH: 21
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Sequence 4342. Application US/10349143

GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Bluemfeld, Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENERT: 0200-01-21
FILE REFERENCE: GENERT: 0200-01-21
FRIDE REPLICATION NUMBER: US/09/422,978
FRIOR APPLICATION NUMBER: US/09/422,978
FRIOR FILING DATE: 1999-10-20
FRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/109,732
FRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
FRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
FRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
FRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
FRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
FRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
FRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
FRIOR SEQ ID NO 4342
FRIOR SEQ ID NOS: 11796
FRIOR FILING DATE: 1000-04-21
FRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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OTHER INFORMATION: upstream amplification primer 99-14679 for SEQ 408,
                                                                                                                                                                       Gaps
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Pred. No. 1.9e+02;
0; Mismatches 2; Indels
                                                                                         Score 14.8; DB 1; Length 20;
Pred. No. 1.8e+02;
0; Mismatches 2; Indels
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                                                                                                Query Match 3.7%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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Matches 16; Conservative
; OTHER INFORMATION: Primer US-60-480-658-35
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US-10-310-188-61896
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Length 21;

3.7%; Score 14.8; DB 1;

Matches

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TITLE OF INVENTION, MARK
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN I
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT PILING DATE: 2002-01-30
FRIOR PLILING DATE: 2001-01-30
FRIOR PLILING DATE: 2001-01-30
FRIOR PLILING DATE: 2001-01-30
FRIOR APPLICATION NUMBER: PCT/US01/00664
FRIOR PLILING DATE: 2001-01-30
FRIOR PILING DATE: 2001-01-30
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FRIOR PILING DATE: 2001-01-30
FRIOR PILING DATE: 2001-01-30
FRIOR FILING DATE: 2001-01-30
                                                                                                         JANUARA LANCURANTION; MARK

TITLE OF INVENTION; HUMAN POSH-LIKE PROTEIN
FILE REPERENCE: PRO178

CURRENT FELING DATE: 2002-01-30

PRIOR PLING DATE: 2001-01-30

PRIOR FLING DATE: 2001-01-30

PRIOR PRIOR DATE: 2001-01-30

PRIOR PRIOR DATE: 2001-01-3
                                                                                                                                                                               HUMAN POSH-LIKE PROTEIN
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Best Local Similarity 93.84
Matches 15; Conservative
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APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REPERBURE: AMIOUS27 (031896-002000)
CURRENT APPLICATION UNMER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
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Pred. No. 1.9e+02;
0; Mismatches 2; Indels
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Pred. No. 1.9e+02;
0; Mismatches 2;
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Pred. No. 1.9e+02;
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GENERAL INFORMATION:
APPLICANT: Wyeth
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GENERAL INFORMATION:
APPLICANT: Wyeth
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                                                                                                                                     513 ACAGTACCAATACTTTCC 530
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SOFTWARE: Patentin version 3.2
SEQ ID NO 12865
LENGTH: 21
         88.9%;
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Best Local Similarity 88.9
Matches 16; Conservative
                                                       16; Conservative
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         Best Local Similarity
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Best Local Similarity
Matches 16; Conserv
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US-10-751-736-12865/c
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APPLICANT:
APPLICANT:
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Gaps
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3.6%; Score 14.4; DB 1; Length 17; 93.8%; Pred. No. 1.7e+02; tive 0; Mismatches 1; Indels
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Gaps

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APPLICANT: RosettaGemonics
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE.
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE.
TITLE OF INVENTION: BIOINFORMATICAL 14787
FILE PREPRENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SSOFTWARE: Patentin version 3.1
SSO ID NO 81610
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: CLEMONS, David R.
APPLICANT: CLEMONS, David R.
APPLICANT: Maile, Laura A.
TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR ACTIVATION BY INSULIN-LIKE GROWTH
TITLE OF INVENTION: FATTOR-1
FILE REFERENCE: 5470.3899
CURRENT APPLICATION NUMBER: US/10/422,588
CURRENT FILING DATE: 2003-04-24
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.2
SEQ ID NO 1
LENGTH: 17
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Pred. No. 1.7e+02;
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Pred. No. 1.7e+02;
0; Mismatches 1;
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JEPLICANT: Shannon, Mark

TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: AEOMICA-26

CURRENT APPLICANTION NUMBER: US/60/328,205

CURRENT FILING DATE: 2001-10-10

NUMBER OF SEQ ID NOS: 4162

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 1115

LENGTH: 17
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              Sequence 81610, Application US/10310188 GENERAL INFORMATION:
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CORGANISM: Homo sapiens
US-60-328-205-1115
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US-10-310-188-81610
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Best Local Similarity
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US-60-328-205-1115
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TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION WINDBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: Patentin version 3.1
LENGTHARE: Patentin version 3.1
LENGTH: 17
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US-10-303-778-15663/c
i Sequence 15663 Application US/10303778
j GENERAL INFORMATION:
APPLICANT: ROSECTAGENOMICS
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
TILE REPERENCE: 47416
CURRENT APPLICATION UNDER: US/10/303,778
CURRENT RILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 17608
SEQ ID NO 15663
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3.6%; Score 14.4; DB 1; Length 17; 93.8%; Pred. No. 1.7e+02; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                3.6%; Score 14.4; DB 1; Length 17; 93.8%; Pred. No. 1.7e+02;
                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                               0; Mismatches
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 1117
LENGTH: 17
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US-10-310-188-30369/c
; Sequence 30369, Application US/10310188
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                           745 TAGGGTCCCAGGGTCC 760
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Best Local Similarity 93.8°
Matches 15; Conservative
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US-10-310-188-30369
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ORGANISM: Homo sapiens
                                                                                                              ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1117
                                                                                                                                                                                                                       Best Local Similarity
Matches 15; Conserv
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; LOCATION: 1..18 -
; OTHER INFORMATION: upstream amplification primer 99-39175 for SEQ 2435,
US-60-216-745-6966
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3.6%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                              3.6%; Score 14.4; DB 1;
93.8%; Pred. No. 1.8e+02;
tive 0; Mismatches 1;
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COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastESQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/965,620
FILING DATE: 06-NOV-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    32,227
RR: WHI96-10pA (DUP)
CURRENT APPLICATION NUMBER: US/60/216,745
CURRENT FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 13665
SEQ ID NO 6866
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Lander, Eric S.
APPLICANT: Wang, David
APPLICANT: Hudson, Thomas
TITLE OF INVENTION: Biallelic Markers
NUMBER OF SEQUENCES: 3817
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1082, Application US/08965620 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 06-NOV-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030,455
FILLING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1082:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             706 AGCGAGTCCCAGGAGA 721
                                                                                                                                                                                                                                                                                                                                                                                        830 TCTCTTTTCTTCTG 845
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REGISTRATION NUMBER: 32,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 93.8
Matches 15; Conservative
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                   ORGANISM: Homo Sapiens
                                                                                                                                                                                           NAME/KEY: primer_bind
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CITY: Lexington
STATE: MA
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US-08-965-620-1082
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                                                                                                                                    TYPE: DNA
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CURRENT APPLICATION VMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PATENTIN VERSION 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Abderrahim, Hadi
APPLICANT: Dufaure-Gare, Isabelle
APPLICANT: Dufaure-Gare, Isabelle
APPLICANT: PLALELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
FILE REFERENCE: 84.US1.PRO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 17;
        3.6%; Score 14.4; DB 1; Length 17; 93.8%; Pred. No. 1.7e+02; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1; Indels
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                                                                                                                                                                                                                                                                                   APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN I
FILE REPERENCE. AEOMICA-26
CURRENT APPLICATION NUMBER: US/60/328,205
CURRENT FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Acomica Sequence Listing Engine SEQ ID NO 1117
LENGTH: 17
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; Sequence 27135, Application US/10310188
; GENERAL INCRMATION:
; APPLICANT: RosettaGemonics
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                                                                                                                                                                                                                                           Sequence 1117, Application US/60328205 GENERAL INFORMATION:
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                                                                                              744 GTAGGGTCCCAGGGTC 759
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Best Local Similarity 93.8
Matches 15; Conservative
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                                                       15; Conservative
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           Query Match
Best Local Similarity
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Matches 15; Conserv
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US-60-216-745-6966
                                                                                                                                                                                                      RESULT 256
US-60-328-205-1117
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LENGTH: 18
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APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Butler, Madeline M.
APPLICANT: Bhanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPF
TITLE OF INVENTION: ALPHA) EXPRESSION
FILE REPRENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/09/824,322B
PRIOR PILING DATE: 1999-05-18
PRIOR FILING DATE: 1999-05-18
PRIOR FILING DATE: 1999-05-18
PRIOR FILING DATE: 1999-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 446
                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence: artificially synthesized prime US-09-749-728B-58
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2e+02;
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93.8%; Pred. No. 2e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 263
US-09-824-322B-446/c
i Sequence 446, Application US/09824322B
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 6, Application US/09986381
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          597 CTACAACACAGAGTAC 612
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               19 CTACACACAGATTAC 4
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Matches 15, Conservative
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Matches 15; Conservative
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US-09-986-381-6
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                                                                          PCT-US99-23205-446/c

Sequence 446, Application PC/TUS9923205

Sequence 446, Application PC/TUS9923205

Sequence 446, Application PC/TUS9923205

Sequence 446, Application PC/TUS9923205

GENERAL INFORMATION:
APPLICANT: Barnett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, WINSENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR- (TITLE OF INVENTION: ANTISENSE PCT/US99/23205

CURRENT APPLICATION NUMBER: PCT/US99/23205

CURRENT APPLICATION NUMBER: 09/313,932

EARLIER FILING DATE: 1999-05-18

EARLIER APPLICATION NUMBER: 09/166,168

EARLIER PILLING DATE: 1998-10-05

NUMBER OF SEQ ID NOS: 501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 8881, Application US/09514000

GENERAL INFORMATION:
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
FILE REPREBENCE: 38-10 (15490) B
CURRENT APPLICATION NUMBER: US/09/514,000
CURRENT FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 15034
SEQ ID NO 8881
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3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3.6%; Score 14.4; DB 1; Length 20; 93.8%; Pred. No. 2e+02; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA; ORGANISM: Agrobacterium tumefaciens US-09-514-000-8881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 58, Application US/09749728B GENERAL INFORMATION:
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Sakurada, Kazuhiro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
3 AGCGAGTCCAAGGAGA 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Umezawa, Akihiro
APPLICANT: Hata, Jun-Ichi
APPLICANT: Fukuda, Keiichi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 93.8%
Watches 15; Conservative
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US-09-749-728B-58/c
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 446
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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04123-150
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: MCSWiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Usman, Nassim
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine
TITLE OF INVENTION: Phosphatase-1B (PTP-1B) Gene Expression Using Short Inte
TITLE OF INVENTION: Nucleic Acid (siNA)
FILE REFERENCE: 02-738-A (400/082)
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3.6%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
3.6%; Score 14.4; Di
Best Local Similarity 93.8%; Pred. No. 2e+0.
Matches 15; Conservative 0; Mismatches
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/652,795
CURRENT FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 503
LENGTH: 20
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CURRENT FILING DATE: 2003-04-24
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PRIOR FLING DATE: 2002-02-0
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-06-06
PRIOR PRILING DATE: 2002-06-29
PRIOR PILING DATE: 2002-06-29
PRIOR FILING DATE: 2002-09-05
PRIOR FILING DATE: 2002-09-05
PRIOR FILING DATE: 2002-09-05
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PRIOR PILING DATE: 2002-09-09
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PRIOR PILING DATE: 2003-09-09
PRIOR PILING DATE: 2003-09-09
PRIOR PILING DATE: 2003-09-09
PRIOR PILING DATE: 2003-09-09
PRIOR PILING DATE: 2003-01-15
NUMBER OF SEQ. ID NOS: 422
SEQ. ID NO 150
SEQ. ID NO 150
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PRIOR APPLICATION NUMBER: US 10/206,705
PRIOR FILING DATE: 2002-07-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
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APPLICANT: Butler, Madeline M.
APPLICANT: Butler, Madeline M.
APPLICANT: Butler, Madeline M.
TITLE OF INVENTION: ANTISENSE OLICONUCLECTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALE
TITLE OF INVENTION: ALPHA) EXPRESSION
FILE REFERENCE: ISPH-0501
FILE REPERENCE: ISPH-0501
FILE REFERENCE: ISPH-0501
FILE R
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APPLICANT: Bennett, C. Frank
APPLICANT: Butley, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALB
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   TITLE OF INVENTION: MEASUREMENT OF MUTATION LOAD USING THE p53 G
FITLE OF INVENTION: HUMAN CELLS FROM PARAFFIN EMBEDDED TISSUES
FILE REFERENCE: 1954-360
CURRENT APPLICATION NUMBER: US/09/986,381
CURRENT FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: 60/246,582
PRIOR FILING DATE: 2000-11-08
SOFTWARE PLING DATE: 2000-11-08
SOFTWARE PARENTE 11 Ver. 2.1
SEQ ID NO 6
LENGTH: 20
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 93.8
Matches 15, Conservative
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APPLICANT: Bennett, C. 1
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Sequence 150, Application US/10206705

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: ALbozyme Pharmaceutical, Inc.
APPLICANT: MCSWiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat,
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat,
TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
TITLE OF INTERVION: 800/035, MBHB02-738)
CURRENT APPLICATION NUMBER: US/10/206,705
CURRENT APPLICATION NUMBER: US/10/206,705
CURRENT PILING DATE: 2002-07-26
NUMBER OF SEQ ID NOS: 388
SOFTWARE: Patentin version 3.0
SEQ ID NO 150
IRNGTH: 19
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                                                                                              Length
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APPLICANT: Okhravi, Susan
APPLICANT: Lightman, Susan
APPLICANT: Lightman, Susan
APPLICANT: Adamson, Peter
ITILE OF INVENTION: Diagnosis of Ocular Pathogens
FILE REFERENCE: GJE-40
CURRENT FILING DATE: 2000-03-07
PRIOR APPLICATION NUMBER: PCT/GB98/02705
PRIOR APPLICATION NUMBER: GB 9719044.1
PRIOR APPLICATION NUMBER: GB 9719044.1
PRIOR FILING DATE: 1998-09-08
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin Ver 2.0
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Pred. No. 2.1e+02;
0; Mismatches 3;
                                                                                           Score 14.2; DB 1;
Pred. No. 2.1e+02;
                                                                                                                                                         4; Mismatches
   ; OTHER INFORMATION: Small interfering RNA PCT-US03-16651-376
                                                                                                                                                                                                                                                                                                                                                                                                           US-09-508-159A-29/c; Sequence 29, Application US/09508159A; GENERAL INFORMATION:
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Best Local Similarity 84.2'
Matches 16; Conservative
                                                                                              Query Match
Best Local Similarity 63.2
Matches 12; Conservative
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Sequence 345, Application PC/1050304123
APPLICANT: Bibozyme Pharmaccuticals, Inc.
APPLICANT: Bibozyme Pharmaccuticals, Inc.
APPLICANT: Beigedhan, Leenid
APPLICANT: Wassim
ITILE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine
ITILE OF INVENTION: NUCLEIC Acid (SiNA)
FILE REFERENCE: 02-738-A (4006/082)
CURRENT APPLICATION NUMBER: US 10/206,705
PRIOR FILING DATE: 2002-02-26
PRIOR FILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-06-29
PRIOR FILING DATE: 2002-09-05
PRIOR FILING DATE: 2002-09-05
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2003-09-15
PRIOR FILING DATE: 2003-09-15
PRIOR FILING DATE: 2003-09-15
PRIOR FILING DATE: 2003-09-09
PRIOR FILING DATE: 2003-0
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APPLICANT: Lewis, Stephen Patrick
APPLICANT: Lewis, Stephen Patrick
APPLICANT: Linghoffer, Richard
APPLICANT: Wilson, Linda K.
TITLE OF INVENTION: MODULATION OF PTPLB SIGNAL TRANSDUCTION
TITLE OF INVENTION: BY RNA INTERFERENCE
FILE REFERENCE
FILE REFERENCE
CURRENT APPLICATION NUMBER: PCT/US03/16651
CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 599
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 376
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3.6%; Score 14.2; DB 1; Length 19; 57.9%; Pred. No. 2.1e+02;
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19 CTCTCTTCCAAATCACGGT 1
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Matches 11; Conserv
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TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENETICLE OF INVENTION: USES THEREOF
TITLE OF INVENTION: USES THEREOF
TITLE OF INVENTION: USES THEREOF
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
SOFTWARE: PATENTIN VERSION 3.1
SOFTWARE: PATENTIN VERSION 3.1
                                                                                                                                                                                                    , OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-206-705A-335
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GENERAL INFORMATION:
APPLICANT: Lewis, Stephen Patrick
APPLICANT: Lewis, Stephen Patrick
APPLICANT: Wilson, Linda K.
TITLE OF INVENTION: MODULATION OF PTPLB SIGNAL TRANSDUCTION
TITLE OF INVENTION: WRA INTERFERENCE
FILE REFERENCE: 20013-6441
CURRENT APPLICATION NUMBER: US/10/444,925
CURRENT APPLICATION NUMBER: US/10/444,925
NUMBER OF SEQ ID NOS: 599
SOFTWARE: FastSEQ for Windows Version 4.0
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3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2.1e+02;
Matches 11; Conservative 5; Mismatches 3; Indels
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84.2%; Pred. No. 2.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-310-188-33247/c
; Sequence 33247, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGemonics
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SOFTWARE: PatentIn version 3.0
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Best Local Similarity 84.2*
Matches 16; Conservative
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                                                                                                                                       ORGANISM: Artificial
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US-10-444-925-376
                              SEQ ID NO 335
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                                                                                                         TYPE: RNA
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APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat
TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
CURRENT APPLICATION UMBER: US/10/206,705A
CURRENT FILING DATE: 2003-03-06
NUMBER OF SEQ ID NOS: 388
SOFTWARES: PatentIn version 3.0
SEQ ID NO 150
LENGTH: 19
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: Ribozyme Pharmaceutical, Inc.
TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
TITLE REFERENCE: 900/035 (MBHB02-738)
CURRENT APPLICATION NUMBER: US/10/206,705A
CURRENT FILING DATE: 2003-03-06
NUMBER OF SEQ ID NOS: 388
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Pred. No. 2.1e+02;
5; Mismatches 3; Indels
                                                                                                                                                                                                                                                 Inhibition of
                                                                                                                                                                                                               APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA INTERference Mediated
TITLE OF INVENTION: (PTP-1B) Gene Expression of FILE REFERENCE: 900/035 (MRHB02-738)
CURRENT APPLICATION NUMBER: US/10/206,705
CURRENT FILING DATE: 2002-07-26
NUMBER OF SEQ ID NOS: 388
SOFTWARE: PatentIn version 3.0
                                                                                                  Sequence 335, Application US/10206705
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: McSwiggen, James
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; Sequence 150, Application US/10206705A
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 57.9%;
Matches 11; Conservative 5
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Best Local Similarity 84.2
Matches 16; Conservative
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LENGTH: 19
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Sequence 68, Application PC/TUS0004340

Sequence 68, Application PC/TUS0004340

GENERAL INFORMATION:
APPLICANT: Valenzuela, Dario
APPLICANT: Hoffman, Heidi
APPLICANT: Hoffman, Heidi
APPLICANT: Hall, Jeffman, Heidi
APPLICANT: Rapiejko, Peter
ITTLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
FILE REPERENCE: GI 6918X
CURRENT APPLICATION NUMBER: PCT/US00/04340
CURRENT FILING DATE: 2000-02-18
NUMBER OF SEQ ID NOS: 101

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 68

LENGTH: 20
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APPLICANT: Lex M. Cowsert
APPLICANT: LSIS PHRRMACEUTICALS, INC.
TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSIN EXPRESSION
FILE REFERENCE: RTSP-0228
CURRENT APPLICATION NUMBER: PCT/US01/48341A
CURRENT FILING DATE: 2002-08-15
PRIOR APPLICATION NUMBER: 09/742,482
PRIOR APPLICATION NUMBER: 09/742,482
SRUMBER OF SEQ ID NOS: 49
SEQ ID NO 13
LENGTH: 20
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3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 14.2; DB 1; Length 20;
Pred. No. 2.2e+02;
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GENERAL INFORMATION:
APPLICANT: Patrick Allen Marcotte
APPLICANT: Lex M. Cowsert
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Abbott Laboratories
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 13, Application PC/TUS0148341A GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      674 TGGCGGACCCCCAGGGCCA 692
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Best Local Similarity 84.2%;
Matches 16; Conservative
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                     PCT-US00-04340-68
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RESULT 277
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APPLICANT: Pharmacia Corporation
APPLICANT: Pharmacia Corporation
TITLE OF INVENTION: ANTIERNSE MODULATION OF LAHI EXPRESSION
FILE REFERENCE: 01130/1/PCT
CURRENT APPLICATION NUMBER: PCT/US03/20865
CURRENT FILING DATE: 2003-07-01
PRIOR APPLICATION NUMBER: 60/392,813
PRIOR PILING DATE: 2002-07-01
NUMBER OF SEQ ID NOS: 3450
SOFTWARE: Patentin version 3.2
SEQ ID NO 3383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: NRORMATION:
Sequence 3376/Application PC/TUS0320865
Sequence 3376 Application PC/TUS0320865
Sequence 3376 Application PC/TUS0320865
SERERAL: INFORMATION:
TIPLEORIT: Pharmacia Corporation
APPLICANT: Kane, Christopher D
STILLE REPERRENCE: 01190/1/PCT
CURRENT APPLICATION NUMBER: PCT/US03/20865
CURRENT PILING DATE: 2003-07-01
PRIOR APPLICATION NUMBER: 60/392,813
PRIOR APPLICATION NUMBER: 60/392,813
PRIOR PILING DATE: 2002-07-01
SOFTWARE: Patentin version 3.2
SEQ ID NO 3376
LENGTH: 20
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3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                             Length 20;
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Pred. No. 2.2e+02;
0; Mismatches 3;
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                   FILE REFERENCE: RTSP-0229
CURRENT APPLICATION NUMBER: PCT/US01/48431
CURRENT FILING DATE: 2001-12-14
PRIOR APPLICATION NUMBER: 09/742,703
PRIOR FILING DATE: 2000-12-20
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 13
LENGTH: 20
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ORGANISM: Artificial Sequence
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Matches 16; Conservative
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PCT-US03-20865-3383/c
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Matches

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APPLICANT: WAKHARIA, Vikram N.
APPLICANT: WAKHARIA, Vikram N.
APPLICANT: MUNDT, Egbert
TITLE OF INVENTION: A METHOD FOR GENERATING BIRNAVIRUS FROM
TITLE OF INVENTION: A METHOD FOR GENERATING BIRNAVIRUS FROM
TITLE OF INVENTION: SYNTHETIC RNA TRANSCRIPTS
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
STREET: SOURCEST MEALDO, MARMELSTEIN, MURRAY & ORAM LLP
STREET: Suite 330 - G Street Lobby
CITY: Washington
STREET: Buite 330 - G Street Lobby
CITY: Washington
STREET: COMPUTER: EN PROPONDENCE ADDRESSES
CONTURY: USA
ZIP: 20005-ZANG
COMPUTER: IBAM PC COMPATIBLE
COMPUTER: IBAM PC COMPATIBLE
COMPUTER: IBAM PC COMPATIBLE
OFFERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN BATA:
APPLICATION NUMBER: PCT/US97/12955
FILING DATE:
APPLICATION NUMBER: PCT/US97/12955
FILING DATE:
APPLICATION NUMBER: PCT/US97/12955
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Rother, Russell P.
Matis, Louis A.
TITLE OF INVENTION: Porcine Cell Interaction Proteins
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
3.6%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3;
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RR: P8172-6002
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Mueller, Eileen Elliott
Rollins, Scott
                                                                                                                       PCT-US97-12955-18/c
; Sequence 18, Application PC/TUS9712955
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 15, Application US/08721612B
GENERAL INFORMATION:
APPLICANT: Mueller, John P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              602 ACACAGAGIACIGACICIG 620
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NAME: KITTS, MODICA C.
RECISTRATION NUMBER: 36,105
REFERENCE/DOCKET NUMBER: P81.7
TELECOMUNICATION INFORMATION:
TELEPHONE: 202/638-5000
TELEPHONE: 202/638-4810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             19 AGACGGAGTACTGCCTCTG 1
19 TTTTTTCCAAGACAGAGT
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STATE: Connecticut
COUNTRY: USA
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STRANDEDNESS: single
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APPLICANT: Giere, James K
TITLE OF INVENTION: ANTIESENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/PCT
CURRENT APPLICATION NUMBER: PCT/US03/30374
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 846
LENGTH: 20
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Sequence 922, Application PC/TUS0330374

Sequence 922, Application PC/TUS0330374

Sequence 922, Application PC/TUS0330374

APPLICANT: Pharmacia Corp.

APPLICANT: Giere, James K

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: 1179/1/PCT

CURRENT APPLICATION NUMBER: PCT/US03/30374

CURRENT PILING DATE: 2003-09-25

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2

LENGTH: 20
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                                                                                             Score 14.2; DB 1; Length 20;
Pred. No. 2.2e+02;
0; Mismatches 3; Indels
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                                                                                                                                                 0; Mismatches
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                    CTHER INFORMATION: Human LRH1 antisense PCT-US03-20865-3383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Human Gfat antisense
                                                                                                                                                                                                                                                                                                                                                  PCT-US03-30374-846/c; Sequence 846, Application PC/TUS0330374; GENERAL INFORMATION:
                                                                                                                                                                                                   644 AAGTCACAGACCTCAGTCT 662
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                                                                                                  Query Match
Best Local Similarity 84.2%;
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Matches 16; Conservative
                                                                                                                                               16; Conservative
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ADDRESSEE: Mark Farber, Alexion Pharmaceuticals
STREET: 352 Knotter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 15. Application US/08721612D
GENERAL INFORMATION:
APPLICANT: Mueller, John P.
Evans, Mark J.
Wheller, Rileen Elliott
Rother, Russell P.
Rather, Louis A.
TITLE OF INVENTION: Porcine VCAM-Binding Antibodies
NUMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 14.2; DB 1;
Pred. No. 2.2e+02;
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MUDIUM TYPE: 3.5 inch, 1.4Mb storage
COMPUTER: Dell Latitude
COMPUTER: Dell Latitude
COMPUTER: Dell Latitude
COMPUTER: MICROSOFT WORD 2000
SOFTWARE: MICROSOFT WORD 2000
CURRENT APPLICATION DATA:
FYDLICATION DATA:
FILING DATE: 26-Sep-1996
PRICH APPLICATION DATA:
                                                                                                                                                                                                                                                                                                  Score 14.2; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 3;
                                                                                                        TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Cher uncleic acid
DESCRIPTION: primer for VCAM probe
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DESCRIPTION: primer for VCAM p; SEQUENCE DESCRIPTION: SEQ ID NO: 15: US-08-721-612D-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 28-SEPTEMBER-1995
ATTORNEY/AGENT INFORMATION:
NAME: Mark Farber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/004489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: Linear MOLECULE TYPE: Other nucleic acid
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TELEFAX: (203) 271-8195
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                         587 TICIGITITICIACACAC 605
                                        772-3655
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                                      TELEFAX: (203) 772-365
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERIZES:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: Nucleic acid
STRANDEDNESS: Single
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INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
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84.2%;
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STATE: Connecticut
                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 84.23
Best Local (Similarity 16)
Gonservative
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Best Local Similarity
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Mueller, Eileen Elliott
Rollins, Scott
Rother, Russell P.
Matis, Louis A.

TITLE OF INVENTION: Porcine Cell Interaction Proteins
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seth A. Fidel, Alexion Pharmaceuticals
STREET: 25 Science Park, Suite 360
CITT: New Haven
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.2; DB 1; Length 20;
Pred. No. 2.2e+02;
0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 06511
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.4Mb storage
COMPUTER: Dell Latitude
OPERATING SYSTEM: Windows 95
SOFTWARE: MICROSOFT WORD 97 SR-2
CURRENT APPLICATION DATA:
                                             MEDIUM TYPE: 3.5 inch, 1.4Mb storage COMPUTER: Dell Latitude COMPRANING SYSTEM: Windows 95 SOFTWARE: MICROSOFT WORD 97 SR-2 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/721,612B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: Linear MOLECULE TYPE: Other nucleic acid DESCRIPTION: primer for VCAM probe SEQUENCE DESCRIPTION: SEQ ID NO: 15: US-08-721-6128-15
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PRIOR APPLICATION DATA: APPLICATION NUMBER: 60/004489 FILING DATE: 28-SEPTEMBER-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                          FILING DATE: 26-Sep-1996
PRIOR APPLICATION DATE: 26-Sep-1996
APPLICATION DATE: 00.004489
FILING DATE: 28-SEPTEMBER-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fidel, Seth A...
REGISTRATION NUMBER: 38,449
REFERENCE/DOCKET NUMBER: 34,49
REFERENCE/DOCKET NUMBER: ALX-154
TELEPONICATION INFORMATION:
TELEPONICATION INFORMATION:
TELEPAX: (203) 776-1790
TELEPAX: (203) 776-1790
INFORMATION POR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Fidel, Seth A..
REGISTRATION NUMBER: 38,449
REFERENCE/DOCKET NUMBER: ALX-154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-721-612C-15; Sequence 15, Application US/08721612C GENERAL INFORMATION: APPLICANT: Mueller, John P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  587 TICTGITTTTTTACAACAC 605
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: Nucleic acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: Connecticut COUNTRY: USA
                           COMPUTER READABLE FORM:
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APPLICANT: MALLET, Francois
APPLICANT: PERRON, Herve
APPLICANT: PERRON, Herve
TITLE OF INVENTION: BUTH PREGNANCY DISORDERS
FILE REFERENCE: 105045
CURRENT APPLICATION NUMBER: 2001-05-29
CURRENT FILING DATE: 2001-05-29
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            AN ENZYME EXHIBITING MANNANASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 14.2; DB 1; Length 20; Pred. No. 2.2e+02;
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                                                                                                                                               COUNTRY: New York
STATE: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC Compatible
COMPUTER: PED PC COMPATIBLE
COMPUTER: PED PC COMPATIBLE
COMPUTER: PAPELICATION DATA:
APPLICATION NUMBER: US/09/135,309
FILING DATE: 17-August-1998
CLEASIFICATION:
APPLICATION:
APP
                        TITLE OF INVENTION: AN ENZYME EXHIBITING MANNANA NUMBER OF SEQUENCES: 15 CORRESPONDENCE ADDRESS: NOVO Nordisk of North America, Inc. STREET: 405 Lexington Avenue, 64th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 2001-05-29
PRIOR APPLICATION NUMBER: PCT/FR98/01442
PRIOR FILING DATE: 1998-07-06
PRIOR PLICATION NUMBER: FR 97/08815
PRIOR FILING DATE: 1997-07-07
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin version 3.0
SEQ ID NO 22
LENGTH: 20
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; OTHER INFORMATION: PCR primers or probe
US-09-446-024-22
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GENERAL INFORMATION:
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REFERENCE/DOCKET NUMBER: 4004
TELECOMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEPHONE: 212-879-9655
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Gregg, Valeta A. REGISTRATION NUMBER: 35,127
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84.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: BLOND, Jean-Luc
APPLICANT: BOUTON, Olivier
APPLICANT: MANDRAND, Bernard
APPLICANT: MALLET, Francois
APPLICANT: PERRON, Herve
Dalboege, Henrik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: BESEME, Frederic
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Best Local Similarity 84.2%
Matches 16; Conservative
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TYPE: nucleic acid
STRANDEDNESS: single
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               Gaps
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                                                                                                                                                                                                                                                                                                                                    APPLICANT: Mueller, John P.

APPLICANT: Wueller, Bleen Bliott
Mueller, Bileen Bliott
Rollins, Scott
Rother, Russell P.
Matis, Louis A.

TITLE OF INVENTION: Porcine VCAM-Binding Antibodies
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Mark Farber, Alexion Pharmaceuticals
                  Indels
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84.2%; Pred. No. 2.2e+02;
tive 0; Mismatches 3;
                  3;
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MEDIUM TYPE: 3.5 inch, 1.4Mb storage
COMPUTER: Dell Latitude
OPERATING SYSTEM: Windows 2000
SOFTWARE: MICROSOFT WORD 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: Linear MOLECULE TYPE: Other nucleic acid DESCRIPTION: primer for VCAM probe SEQUENCE DESCRIPTION: SEQ ID NO: 15:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/721,612E
FILING DATE: 26-Sep-1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/004489
FILING DATE: 28-SEPTEMBER-1995
ATTORNEY AGENT INFORMATION:
NAME: MAIK FATDER
REGISTRATION NUMBER: 34159
REFREENCE/DOCKET NUMBER: ALX-25
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 272-2596
TELEFRAX: (203) 271-8195
                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Christgau, Stephan
Kofod, Lene Venke
Andersen, Lene Nonboe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 352 Knotter Drive
CITY: Cheshire
STATE: Connecticut
COUNTRY: USA
                                                                                                                                                                                                                                                              US-08-721-612E-15; Sequence 15, Application US/08721612E; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Kauppinen, Sakari
Heldt-Hansen, Hans P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-135-309-6; Sequence 6, Application US/09135309; GENERAL INFORMATION:
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                                                                               587 TICIGITITICIACAACAC 605
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TYPE: Nucleic acid
STRANDEDNESS: Single
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SEQUENCE CHARACTERISTICS:
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                           16; Conservative
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Matches 16; Conserv
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APPLICANT:
APPLICANT:
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APPLICANT:
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                                 Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: PREDET BY SYNTHESIS OF FULL LENGTH CDNAS TITLE OF INVENTION: AND THEIR USES FILE REFRENCE: 08335/0122 CURRENT APPLICATION NUMBER: US/09/611,526 CURRENT APPLICATION NUMBER: US/09/611,526 CURRENT FILING DATE: 2000-07-07 PRIOR PILING DATE: 1999-07-08 PRIOR PILING DATE: 1999-07-08 PRIOR PILING DATE: 2000-01-11 PRIOR PILING DATE: 2000-01-11 PRIOR PILING DATE: 2000-01-11 PRIOR PILING DATE: 2000-05-02 PRIOR FILING DATE: 2000-05-02 PRIOR FI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .
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; OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-611-526-4281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 294
US-09-742-482-13
Sequence 13, Application US/09742482
Sequence 13, Application US/09742482
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSIN EXPRESSION
TITLE REFERENCE: R1S-0229
CURRENT APPLICATION NUMBER: US/09/742,482
CURRENT FILING DATE: 2000-12-20
NUMBER OF SEQ ID NOS: 49
ENGTH: 20
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Pred. No. 2.2e+02;
0; Mismatches 3;
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3.6%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3;
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                                                                                                                                                                                                      Sequence 4281, Application US/09611526 GENERAL INFORMATION:
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803 CTCTCCTCCAACTCAGGGT 821
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SUGIYAMA, TOMOYASU
NAGAI, KEIICHI
KOJIMA, SHINICHI
OTSUKI, TETSUJI
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Best Local Similarity 84.2%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTSUKI,
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LENGTH: 20
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APPLICANT:
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APPLICANT:
APPLICANT:
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Sequence 22, Application US/09446024A

GENERAL INFORMATION:
APPLICANT: BESERGE, Frederic
APPLICANT: BLOND, Jean-Luc
APPLICANT: BLOND, Jean-Luc
APPLICANT: BLOND, Denvier
APPLICANT: MALLET, Francois
APPLICANT: MALLET, Francois
APPLICANT: MALLET, Francois
APPLICANT: MALLET, Francois
APPLICANT: MALLET, PRECNANCY DISORDERS
FILE REFERENCE: 105045
CURRENT APPLICATION NUMBER: US/09/446,024A
CURRENT APPLICATION NUMBER: PCI/FR98/01442
FRIOR APPLICATION NUMBER: PCI/FR98/01442
FRIOR APPLICATION NUMBER: FR 97/08815
FRIOR FILING DATE: 1997-07-07
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn version 3.1
SEQ ID NO 22
LENGTH: 20
LENGTH: 20
LENGTH: 20
LENGTH: 20
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SEQUENCE 618, Application US/09507209

SEQUENCE 618, Application US/09507209

SEQUENCE 1 Valence 1

APPLICANT: Valence 1

APPLICANT: Wan, Olive 1

APPLICANT: Rapiejko, Peter 1

APPLICANT: Rapiejko, Peter 1

PILE REFERENCE: GI 6918X

CURRENT APPLICATION UNMER: US/09/507,209

CURRENT FILING DATE: 2000-02-18

NUMBER OF SEQ ID NOS: 101

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 68

LENGTH: 20
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                                Indels
84.2%; Pred. No. 2.2e+02;
tive 0; Mismatches 3;
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                                                                                       734 ATAGGACTIGGTAGGGTCC 752
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Best Local Similarity 84.2%
Matches 16; Conservative
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GRWERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF CENTROMERE PROTEIN B EXPRESSION
FILE REFERENCE: HTS-0022
CURRENT APPLICATION NUMBER: US/10/176,277
CURRENT FILING DATE: 2002-06-18
NUMBER OF SEQ ID NOS: 77
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GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: AWISENSE MODULATION OF CENTROMERE PROTEIN B EXPRESSION;
FILE REFERENCE: HTS-0022
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TITLE OF INVENTION: IDENTIFICATION OF URULENCE DETERMINANTS

TITLE OF INVENTION: IDENTIFICATION OF VIRULENCE DETERMINANTS

FILE REFERENCE: UNL 2999.1

CURRENT APPLICATION NUMBER: US/09/759,287A

CURRENT FILING DATE: 2001-01-11

PRIOR PRILICATION NUMBER: US 60/175,433

PRIOR FILING DATE: 2000-01-11

NUMBER OF SEQ ID NOS: 6

SOFTWARE: PATENTIN OFFER 2000-01-12

LENGTH: 20

LENGTH: 20
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Pred. No. 2.2e+02;
0; Mismatches 3; Indels
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Pred. No. 2.2e+02;
0; Mismatches 3; Indels
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                                                                                                                                                         Sequence 2, Application US/09759287A GENERAL INFORMATION:
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674 TGGCGGACCCCCAGGGCCA 692
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Best Local Similarity 84.2%;
Matches 16; Conservative (
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Best Local Similarity 84.2%;
Matches 16; Conservative
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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US-09-759-287A-2
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LENGTH: 20
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Sequence 1, Application US/10206406A

GENERAL INFORMATION:

APPLICANT: Pont-Kingdon, Genevieve

APPLICANT: Lyon, Elaine

TITLE OF INVANTION: Methods for Identifying Chromosomal Aneuploidy

FILE REFERENCE: 20099-UB

CURRENT APPLICATION NUMBER: US/10/206,406A

CURRENT FILING DATE: 2002-07-26

PRIOR FILING DATE: 2001-07-26

PRIOR FILING DATE: 2001-07-26
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US-10-298-123-35
Sequence 35, Application US/10298123
Sequence 35, Application US/10298123
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODILATION OF PROTEIN KINASE D2 EXPRESSION
TITLE OF INVENTION: MODILATION OF PROTEIN KINASE D2 EXPRESSION
CURRENT APPLICATION NUMBER: US/10/298,123
CURRENT FILING DATE: 2002-11-16
NUMBER OF SEQ ID NOS: 76
LENGTH: 20
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3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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; OTHER INFORMATION: Forward primer sequence used in
US-10-206-406A-1
                                                                                                                                                                                                                                   Score 14.2; DB 1;
Pred. No. 2.2e+02;
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CURRENT APPLICATION NUMBER: US/10/176,277
CURRENT FILING DATE: 2002-06-18
NUMBER OF SEQ ID NOS: 77
SEQ ID NO 52
LENGTH: 20
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Best Local Similarity 84.2%;
Matches 16; Conservative
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 1
LENGTH: 20
                                                                                                                    TYPE: DNA
ORGANISM: H. sapiens
                                                                                                                                                                  ; FEATURE:
US-10-176-277-52
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OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                              US-10-317-270-59/c
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           US-10-316-242-36
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US-10-303-778-6651/c

Sequence 6651, Application US/10303778

GENERAL INFORMATION:

APPLICANT: RecettaGenomics

TITLE OF INVENTION: BIOLINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL

TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF

TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF

TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF

CURRENT APPLICATION UNDBER: US/10/303,778

CURRENT APPLICATION UNDBER: US/10/303,778

CURRENT PILING DATE: 2002-11-26

NUMBER OF SEQ ID NOS: 17608

SOFTWARE: Patentin version 3.1

SEQ ID NO 6551

LENGTH: 20
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF MD-1 RP105-ASSOCIATED EXPRESSION
FILE REPRENCE: RTS-0446
CURRENT APPLICATION NUMBER: US/10/316,242
CURRENT PILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 64
ENGIH: 20
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) Sequence 66, Application US/10298123
; Sequence 66, Application US/10298123
; Sequence 66, Application US/10298123
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; TITLE OF INVENTION: WOMBER: US/10/298,123
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; SEQ ID NOS: 76
; LENGTH: 20
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Pred. No. 2.2e+02;
0; Mismatches 3; Indels
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Pred. No. 2.2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
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         779 GGGCAGCCCCTCTGGTGCC 797
                                                 GAGCAGCACCTCGGGTGCC 20
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ORGANISM: Artificial Sequence
FEATURE:
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84.2%;
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Best Local Similarity 84.2
Matches 16; Conservative
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COCGANISM: Homo sapiens
US-10-303-778-6651
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ORGANISM: H. sapiens
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Best Local Similarity
Matches 16; Conserv
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  Length 20,
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APPLICANT: Kerneth W. Dobie
APPLICANT: Tamara Balac Sipes
TITLE OF INVENTION: MODULATION OF ZINEDIN EXPRESSION
FILE REFRENCE: RTS-040
CURRENT APPLICATION NUMBER: US/10/317,270
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 160
SEQ ID NO S: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kenneth W. Dobie
APPLICANT: Tamara Balac Sipes
TITLE OF INVENTION: WOULLATION OF ZINEDIN EXPRESSION
FILE REFERENCE: RTS-0479
CURRENT APPLICATION NUMBER: US/10/317,270
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 160
SEQ ID NO 132
LENOTH: 20
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Pred. No. 2.2e+02;
0; Mismatches 3;
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3.6%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3;
Score 14.2; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 3;
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US-10-317-270-132
Sequence 132, Application US/10317270
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                   Sequence 59, Application US/10317270 GENERAL INFORMATION:
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                                                                                      634 AGAGGCTCCTAAGTCACAG 652
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Best Local Similarity 84.2%;
Matches 16; Conservative 0
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ORGANISM: Artificial Sequence
FEATURE:
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    Query Match 3.6%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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Sequence 5. Application US/0900004A

Sequence 5. Application US/0900004A

GENERAL INFORMATION:
APPLICANT: Tailibary, Photini-Effie
APPLICANT: Charonis, Aristidis S.
APPLICANT: Charonis, Aristidis S.
APPLICANT: Setty, Suman
APPLICANT: Mauer, Michael
FILE APPLICANT: Mauer, Michael
FILE REFERENCE: 600.31405W0
CURRENT APPLICATION NUMBER: US/09/000,004A
CURRENT APPLICATION NUMBER: US 60/001,387
FRIOR FILING DATE: 1995-07-21
FRIOR FILING DATE: 1995-08-03
FRIOR FILING DATE: 1996-05-02
FRIOR FILING DATE: 1996-05-02
FRIOR FILING DATE: 1996-07-19
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
TITLE OF INVENTION: RAS, HERZ and HIV
FILE REFERENCE: 400/046 (MBHB02-326)
CURRENT APPLICATION NUMBER: CT/US02/16840
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR APPLICATION DATE: 2001-09-10
PRIOR FILING DATE: 2001-06-06
                                                                                                                                      NAME/KEY: primer_bind

LOCATION: 1..20

CHER INFORMATION: downstream amplification primer 99-35540 for SEQ 2061, in complem US-60-216-745-11123
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100.0%; Pred. No. 2.3e+02;
tive 0; Mismatches 0;
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Pred. No. 2.2e+02;
                                                                                                                                                                                                                                                                                        Query Match 3.6%; Score 14.2; D
Best Local Similarity 84.2%; Pred. No. 2.2e
Matches 16; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                               585 TGTTCTGTTTTTCTACAAC 603
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     19 TCTACTGTTCTTCTACAAC 1
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Best Local Similarity 100.0
Matches 14; Conservative
                                                                 TYPE: DNA ORGANISM: Homo Sapiens
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              SEQ ID NO 11123
                                                                                                                             FEATURE:
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GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Abderrahim, Hadi
APPLICANT: Dufaure-Gare, Islabelle
TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
FILE REFERENCE: 84.US1.PRO
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APPLICANT: Gieree, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NO 922
LENGTH: 20
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILLE REPERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN NOS: 1809
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Pred. No. 2.2e+02;
0; Mismatches 3; Indels
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Pred. No. 2.2e+02;
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CURRENT FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 13665
SOFTWARE: Patent.pm
                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-846
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US-10-671-395-922
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Best Local Similarity 84.2%;
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Best Local Similarity 84.2'
Matches 16; Conservative
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ORGANISM: artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: artificial
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SEQ ID NO 846
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: Draper, Kenneth
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: LYON & LYON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
3.5%; Score 13.8; DB 1;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2;
                 COMPUTER READABLE FORM:
NEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYGTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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Sequence 5640, Application PC/TUS0216840A

Sequence 5640, Application PC/TUS0216840A

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANTON: Nacleic Acid Treatment of Diseases or Conditions Related to Level

TITLE OF INVENTION: RAS, HER2 and HIV

TITLE OF INVENTION: RAS, HER2 and HIV

FILE PREFARNCE: 400/046 (MBHB02-326)

CURRENT APPLICATION NUMBER: DS 60/318,471

PRIOR APPLICATION NUMBER: US 60/296,249

PRIOR APPLICATION NUMBER: US 60/296,249

PRIOR PRILING DATE: 2001-05-09

PRIOR PLING DATE: 2001-05-09

PRIOR FILING DATE: 2001-05-09

NUMBER OF SEQ ID NOS: 6810

SEQ ID NO 5640

SEQ ID NO 5640
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                                                                                                                                                                                               Query Match

3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: Drayer, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12; Mismatches
   PRIOR APPLICATION NUMBER: US 60/294,140 PRIOR FILING DATE: 2001-05-29 NUMBER OF SEQ ID NOS: 6810 SOFTWARE: Patentin version 3.0 SEQ ID NO 5640 LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1573, Application US/08435632 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       583 TTTGTTCTGTTTTCTA 599
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1 UUUGUUUUGUUUUMA 17
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CORGANISM: Homo sapiens
PCT-US02-16840A-5640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                         TYPE: RNA
CRGANISM: Homo sapiens
PCT-US02-16840-5640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 3; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-435-632-1573
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APPLICANT: Draper, Kenneth
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Moraissey, Jain
APPLICANT: Moraissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REPREBURE: MBHB00-845-F (250/125)
CURRENT APPLICATION NUMBER: US/09/636,385
CURRENT FILING DATE: 2000-08-09
FRICH APPLICATION NUMBER: US 07/882,712
FRICH APPLICATION NUMBER: US 09/531,025
FRICH APPLICATION NUMBER: US 09/531,025
FRICH APPLICATION NUMBER: US 09/531,025
FRICH APPLICATION NUMBER: US 09/436,430
FRICH FILING DATE: 1994-02-07
FRICH FILING DATE: 1994
                                                                                                                                                                                                                                                                                                                              APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Braper, Ken
APPLICANT: Draper, Ken
APPLICANT: Draper, Ken
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBHB00-845-E (247/277)
CURRENT APPLICATION NUMBER: US/09/531,025A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR FILING DATE: 1994-05-07
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1994-02-07
PRIOR PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-06-04
PRIOR FILING DATE: 1995-01-08
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                       Sequence 1579, Application US/09531025A GENERAL INFORMATION:
                                       605 CAGAGTACTGACTCTGC 621
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               606 AGAGTACTGACTCTGCC 622
                                                                               1 CAGAAUACUGUCUCUGC 17
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TYPE: RNA
ORGANISM: Hepatitis B Virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Hepatitis B virus US-09-531-025A-1579
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Best Local Similarity
Matches 11; Conserv
                                                                                                                                                                                                             RESULT 314
US-09-531-025A-1579
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LENGTH: 17
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APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
CURRENT FILING DATE: 2000-03-20
PRIOR PRING APPLICATION NUMBER: US 07/882,712
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1994-02-07
PRIOR PRIOR FILING DATE: 1995-05-04
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Pred. No. 2.1e+02;
4; Mismatches 2; Indels
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US/08/777,920
                                                                                                                                                                                                                                                                                             APPLICATION NOTICES 1994
APPLICATION NUMBER: 07/997,132
FILING DATE: December 7, 1994
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
ATOMNEY/AGENT INFORMATION:
NAME: WARDLEY, RICHARD
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECHNON: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              209/035
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                                                                                                                                                                  FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
                                                                                                                                                                                                                                       FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
                                                                                                                                         08/373,124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1573:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     799 AGAGCTCTCCTCCAACT 815
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                                23-DEC-1996
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; ORGANISM: Hepatitis B virus
US-09-531-025A-733
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 64.7
Matches 11; Conservative
                                                                 CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                     APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
nes 11; Conserva
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US-08-777-920-1573
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Matches
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APPLICANT: KIDOZYME FIGURE ADMINISTRY APPLICANT: KIDOZYME FIGURE APPLICANT: MCSWINE FIGURE APPLICANT: Blatt, Larry APPLICANT: MCSWIGGEN, Uim APPLICANT: MCSWIGGEN, Uim APPLICANT: MCSWIGGEN, Uim APPLICANT: MCSWIGGEN, Uim COFFICE ADMINISTRY APPLICANT: MCSWIGGEN, US/09/696,347

TITLE OF INVENTION: WHERE: US/09/696,347

CURRENT FILING DATE: 2000-10-24

FRIOR FILING DATE: 2000-00-09

PRIOR FILING DATE: 2000-00-09

PRIOR FILING DATE: 1992-05-14

PRIOR FILING DATE: 1992-05-04

PRIOR FILING DATE: 1994-02-07

PRIOR FILING DATE: 1995-05-04

PRIOR FILING DATE: 1995-05-04
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                                                                                                                                                                                                                                                                                                                                      Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                   Indels
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GENERAL INFORMATION:
APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                09/436,430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 1579, Application US/09696347; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 605 CAGAGIACTGACTCTGC 621
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PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6389
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 733
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Best Local Similarity 64.7%;
Matches 11; Conservative
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; ORGANISM: Hepatitis B Virus
US-09-696-347-1579
                                                                                                                                                                                                                                           ) ORGANISM: Hepatitis B Virus US-09-696-347-733
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US-09-825-805-558
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                                                                                                                                                                                                                        TYPE: RNA
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Sequence 1579, Application US/09636385

SEREMAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Bratt, Larry
APPLICANT: McSwiggen, Jim
FILE REFERENCE: MbHB00-845-F (250/125)
CURRENT FILING DATE: 1992-05-14
PRIOR FILING DATE: 1992-05-07
PRIOR PLING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6341
SEQ ID NO 1579
LEWIGTH: 17
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FILE REFERENCE: 400/01
CURRENT APPLICATION NUMBER: US/09/696,347
CURRENT PILING DATE: 2000-10-24
FRIOR PRINCA PAPLICATION NUMBER: US 09/636,385
FRIOR PELING DATE: 2000-03-20
FRIOR PELING DATE: 2000-03-20
FRIOR PELING DATE: 1090-03-20
FRIOR PELING DATE: 1090-03-10
FRIOR PELING DATE: 1992-05-14
FRIOR FILING DATE: 1994-02-07
FRIOR FILING DATE: 1994-02-07
FRIOR PILING DATE: 1994-02-07
FRIOR PILING DATE: 1994-02-07
FRIOR PILING DATE: 1994-02-07
FRIOR PILING DATE: 1995-05-04
FRIOR PILING DATE: 1995-05-04
FRIOR PILING DATE: 1995-05-04
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Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels
                                                                3.5%; Score 13.8; DB 1; Length 17; 64.7%; Pred. No. 2.1e+02; Live 4; Mismatches 2; Indels
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Draper, Ken
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
                                                                                                                                 11; Conservative
                                                                                                Best Local Similarity
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US-09-696-347-733
         US-09-636-385-733
                                                                       Query Match
                                                                                                                                 Matches
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relatering OF INVENTION: Levels of Epidermal Growth Factor Receptors
FITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MBHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: Patentin version 3.0
SEQ ID NO 3388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: MCSwigen, Jim
APPLICANT: MCSwigen, Jav
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3.5%; Score 13.8; DB 1; Length 17; 88.2%; Pred. No. 2.1e+02;
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                                                                                                                                                                                                                                       3.5%; Score 13.8; DB 1;
88.2%; Pred. No. 2.1e+02;
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CURRENT FILING DATE: 2001-12-31
PRIOR PEDILOCATION NUMBER: US/09/877,478
PRIOR PEDILOCATION NUMBER: US 07/882,712
PRIOR PELLING DATE: 1992-05-14
PRIOR PELLING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR APPLICATION NUMBER: US 09/636,347
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR PELLING DATE: 2000-01-24
PRIOR PELLING DATE: 1994-02-07
PRIOR PELLING DATE: 1995-05-04
PRIOR PILING DATE: 1995-05-04
PRIOR PILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR PILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR APPLICATION NUMBER: US 08/436,430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-848-754A-3388/c; Sequence 3388, Application US/09848754A; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 733, Application US/09877478 GENERAL INFORMATION:
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                    NUMBER OF SEQ ID NOS: 9645
SOFWTARE: Patentin version 3.0
SEQ ID NO 3387
LENGTH: 17
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ORGANISM: Homo sapiens
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US-09-848-754A-3387
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Best Local Similarity
CURRENT FILING DATE:
                                                                                                                                                                                                                                                                          Best Local Similarity
Matches 15; Conserv
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US-09-877-478-733
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                                                                                                                                         TYPE: RNA
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                      APPLICANT: Simen, Shawn
TITLE OF INVENTION: Wale-ctide Triphosphate and their Incorporation into Oligonucleou FILE REFERENCE: MBHB00-831-F (400/009)
FILE REFERENCE: MBHB00-831-F (400/009)
GURRENT APPLICATION NUMBER: US/09/825,805
CURRENT FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 09/476,387
PRIOR APPLICATION NUMBER: 09/476,387
PRIOR FILING DATE: 1999-12-30
PRIOR FILING DATE: 1999-12-30
PRIOR PILING DATE: 1999-12-30
PRIOR PLING DATE: 1999-12-09
PRIOR PLING DATE: 1999-12-09
PRIOR PLING DATE: 1999-11-04
PRIOR PLING DATE: 1998-11-04
PRIOR PLING DATE: 1998-11-04
PRIOR PLING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/084,866
PRIOR FILING DATE: 1999-11-05
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MRHB00-588-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: Patentin version 3.0
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Sequence 3387, Application US/09848754A

Sequence 3387, Application US/09848754A

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate

TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors

FILE REFERENCE: MRHB00-958-I (400/18)

CURRENT APPLICATION NUMBER: US/09/848,754A
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Best Local Similarity 88.2%;
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           Sweedler, Dave
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US-09-848-754A-3386/c
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LENGIH: 17
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LENGTH: 17
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           APPLICANT:
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Sequence 1301, Application US/10156306
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Prarmaceuticals, Inc.
APPLICANT: Mossingent James
TITLE OF INVENTION: Exzymatic Nucleic Acid Treatment of Diseases or Conditions Relater
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TILLE REFERENCE: MBH801-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE ParentIn version 3.0
SEQ ID NO 1301
LENGTH: 17
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GREERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Lawrence
APPLICANT: None 1 and 1 an
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Pred. No. 2.1e+02;
5; Mismatches 2; Indels
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88.2%; Pred. No. 2.1e+02;
tive 0; Mismatches 2;
                             CURRENT APPLICATION NUMBER: US/10/017,974
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 37080
SEQ TWARE: Patentin version 3.0
SEQ ID NO 6517
LENGTH: 17
FILE REFERENCE: MBHB00,1109-A (400/037)
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Query,Match
Best Local Similarity 58.8%
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 88.2
Matches 15; Conservative
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Best Local Similarity 41.2
Matches 7; Conservative
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                                                                                                                                                                                                                                                   ; TYPE: RNA; ORGANISM: West Nile virus US-10-017-974-6517
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US-10-156-306-1301
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US-10-017-974-8337
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Lawrence
APPLICANT: MCSwiggen, James
TITLE OF INVENTION: Nucleic Acid-Based Treatment of Diseases or Conditions Related to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwigen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBHB00-845-H (400/029)
CURRENT APPLICANION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
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                                                                                                                                                                                                                                                                                                             ch 3.5%; Score 13.8; DB 1; Length 17; l. Similarity 64.7%; Pred. No. 2.1e+02; 11; Conservative 4; Mismatches 2; Indels
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PRIOR PILING DATE: 1992-05-14
PRIOR PILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-08-09
PRIOR FILING DATE: 2000-08-09
PRIOR FILING DATE: 1000-08-09
PRIOR FILING DATE: 1000-08-09
PRIOR FILING DATE: 1000-08-09
PRIOR FILING DATE: 1995-05-04
PRIOR PILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR PILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PAGENTIN VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1579, Application US/09877478 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 AGAAUACUGUCUCUGCC 17
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NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
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US-09-877-478-1579
                                                                                                                                                                                         TYPE: RNA; ORGANISM: Hepatitis B virus US-09-877-478-733
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Best Local Similarity
Matches 11; Conserv
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                                                                                                                    SEQ ID NO 733
LENGTH: 17
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GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Draper, Kenneth
APPLICANT: Draper, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jan
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MBHB00-845-1)
CURRENT APPLICATION NUMBER: US 09/877,478
PRIOR PLING DATE: 2001-06-08
PRIOR PLING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/636,347
PRIOR PLING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR PLING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR PLING DATE: 1992-05-14
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592
CORTWADER OF SEQ ID NOS: 6592
                                                                                                                                                                                                                                                                                                                                          Sequence 67124, Application US/10310188
Sequence 67124, Application US/10310188
GENERAL INFORMATION:
APPLICANT: ROSettaGemonics
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
TITLE OF INVENTION: USES THEREOF
TITLE OF INVENTION: USES THEREOF
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: Patentin version 3.1
SEQ ID NO 67124
ILENGTH: 17
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                                                                                         Length 17;
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                                                                                            Score 13.8; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 2;
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SEQ ID NO 733
LENGTH: 17
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Best Local Similarity 88.2
Matches 15; Conservative
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                            ORGANISM: Homo sapiens
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Best Local Similarity
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                                                US-10-310-188-29766
, TYPE: DNA
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GENERAL INFORMATION:
APPLICANT: ROSECTAGEMONICS
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86641
SEQ ID NO 29766
LENGTH: 17
                                                                                                                                       Sequence 985, Application US/10163552

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
TITLE OF INVENTION: HER2
FILE REFERENCE: MBHB01-1653-A (400/014)
CURRENT APPLICATION UNBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: PatentIn version 3.0
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Sequence 15561, Application US/10303778
GENERAL INFORMATION:
APPLICANT: ROSettaGenomics
TITLE OF INVENTION: BLOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
TITLE OF INVENTION: RECULATORY GENES AND USES THEREOF
FILE REFERENCE: 47416
CURRENT APPLICATION NUMBER: US/10/303,778
CURRENT FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 17608
SOFTWARE: Patentin version 3.1
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Pred. No. 2.1e+02;
0; Mismatches 2;
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Best Local Similarity 88.2
Matches 15; Conservative
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Best Local Similarity 17.63
Matches 3; Conservative
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US-10-303-778-15561
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LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 985
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
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APPLICANT: Panela, Pavos
APPLICANT: Elisabeth, Roberts
APPLICANT: ON INTERES: 100/104204-18-18
FILIAS PREFERENCE: 400/104208 (NHHBDZ-249-18)
CURRENT PAPLICATION NUMBER: US/10/669,841
CURRENT PAPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2001-06-08
FRIOR PAPLICATION NUMBER: US 60/296,876
FRIOR APPLICATION NUMBER: US 60/296,876
FRIOR PAPLICATION NUMBER: US 60/335,059
FRIOR PAPLICATION NUMBER: US 60/335,059
FRIOR PAPLICATION NUMBER: US 60/330,055
FRIOR PAPLICATION NUMBER: US 60/358,580
FRIOR PAPLICATION NUMBER: US 60/369,332
FRIOR PAPLICATION NUMBER: US 60/369,3332
FRIOR PAPLICATION NUMBER: US 60/369,3332
FRIOR PAPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic Acid US-10-471-271-3089
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Best Local Similarity 58.8%; Pred. No. 2.1e+02;
Matches 10; Conservative 5; Mismatches 2; Indels
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                         PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/294,412
PRIOR FILING DATE: 2001-05-29
PRIOR PILING DATE: 2001-05-29
PRIOR PILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 13274
SEQ ID NO 3089
LENGTH: 17
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PRIOR APPLICATION NUMBER: 09/827,395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             647 TCACAGACCTCAGTCTT 663
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: RNA
ORGANISM: Hepatitis B Virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          James, McSwiggen
David, Morrissey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Lawrence, Blatt
Dennis, Macejak
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APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Mcswiggen, Jim
CURRENT FILING DATE: 2003-01-15
PRIOR PLING DATE: 2001-06-08
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
PRIOR PLING DATE: 2000-06-09
PRIOR PLING DATE: 2000-10-24
PRIOR PLING DATE: 2000-10-24
PRIOR PLING DATE: 2000-10-24
PRIOR PLING DATE: 1994-02-07
PRIOR PLING DATE: 1994-02-07
PRIOR PLING DATE: 1994-02-05
PRIOR PLING DATE: 1999-11-08
PRIOR PLING DATE
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Black black
APPLICANT: Haeberli, Peter
APPLICANT: Heaberli, Peter
APPLICANT: Messingen, James
APPLICANT: Fosnaugh, Kathy
TITLE OF INVENTION: And Neutrite Growth Using Nucleic Acid Based Technologies
TITLE OF INVENTION: And Neutrite Growth Using Nucleic Acid Based Technologies
TITLE OF INVENTION: And Neutrite Growth Using Nucleic Acid Based Technologies
TITLE OF STATILE OF INVENTION: AND SER. US/10/471,271
CURRENT APPLICATION NUMBER: US/10/471,271
CURRENT APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR FILING DATE: 2000-02-11
PRIOR PELLORATION NUMBER: 09/780,533
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                                                                                         3.5%; Score 13.8; DB 1; Length 17; 64.7%; Pred. No. 2.1e+02; tive 4; Mismatches 2; Indel8
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Best Local Similarity 64.7%; Pred: No. 2.1e+02;
Matches 11; Conservative 4; Mismatch.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1579, Application US/10342902 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                           ORGANISM: Hepatitis B virus US-10-342-902-1579
                                                                                                              Query Match
Best Local Similarity 64.7
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-471-271-3089
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                                  US-10-342-902-733
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APPLICANT: GU, Yizhong
APPLICANT: GU, Yizhong
APPLICANT: J', Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David R.
APPLICANT: RAKK, David R.
APPLICANT: RAKK, David R.
APPLICANT: RAKK, David R.
APPLICANT: SHANNOW, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN FILE REPERRENCE: PBOLOG.
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT PRILING DATE: 2003-11-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: PB0114
CURRENT APPLICATION NUMBER: US/10/675,685
CURRENT PILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 619
                                                                                                                                                                                                                                                                                                                                                                                                                                                 ·;
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ilarity 88.2%; Pred. No. 2.1e+02;
Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                  3.5%; Score 13.8; DB 1;
88.2%; Pred. No. 2.1e+02;
ative 0; Mismatches 2;
                           PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-675-685-619/c
; Sequence 619, Application US/10675685
; GENERAL INFORMATION:
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  543 CTCCTAGGCCTCCCCAG 559
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Best Local Similarity 88.2
Matches 15; Conservative
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US-10-675-685-619
                                                                                                                                                                                                                                                                                           ; ORGANISM: Homo sapiens
US-10-675-685-618
         CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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                                                                                                                                                                                                                                       LENGTH: 17
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APPLICANT: David, Morrissey
APPLICANT: Patride, Lee
APPLICANT: Patride, Lee
APPLICANT: Remeth, Dave
APPLICANT: Remeth, Draper
TITLE OF INTENTION: OLICONUCLECTION UNDER: USU/10/669,041
CURRENT APPLICATION NUMBER: US(10/669,041
CURRENT FILING DATE: 2001-09-23
FRIOR APPLICATION NUMBER: US(20/26,076
FRIOR APPLICATION NUMBER: US (60/26,076
FRIOR PELING DATE: 2001-10-24
FRIOR APPLICATION NUMBER: US (60/335,059
FRIOR FILING DATE: 2001-10-24
FRIOR APPLICATION NUMBER: US (60/337,055
FRIOR FILING DATE: 2001-10-24
FRIOR FILING DATE: 2001-10-24
FRIOR PELING DATE: 2001-10-24
FRIOR FILING DATE: 2001-10-24
FRIOR FILING DATE: 2001-10-24
FRIOR FILING DATE: 2001-10-24
FRIOR FILING DATE: 2001-10-34
FRIOR FILING DATE: 2001-12-05
FRIOR FRIOR FRIOR DATE: 2001-12-05
FRIOR FRIOR FRIOR DATE: 2001-12-05
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GENERAL INFORMATION:
APPLICANT: GL, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: PB0114
CURRENT APPLICATION NUMBER: US/10/675,685
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Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                        Sequence 1579, Application US/10669841
                                                                                                                                                                                                                                                                                                 605 CAGAGTACTGACTCTGC 621
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James, McSwiggen
David, Morrissey
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ORGANISM: Hepatitis B Virus
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Matches 11; Conserv
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US-10-675-685-618/c
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APPLICANT: Dervar.

APPLICANT: Dervar.

APPLICANT: Dervar.

APPLICANT: Beal, Peter A.

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TRIPLE-HELIX FORMATION FILE REPERSENCE: 3-856579.

CURRENT APPLICATION NUMBER: US/08/168,920E

PRIOR PILING DATE: 1993-12-16

PRIOR FILING DATE: 1992-09-17

NUMBER OF SEQ ID NOS: 128

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 24

LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic NAME/KEY: misc_feature LOCATION: (1) OTHER INFORMATION: T at position 1 = thymidine-EDTA.

NAME/KEY: misc_feature
LOCATION: (4) OTHER INFORMATION: d at position 4, and 11 = D2 as defined on page 34 OTHER INFORMATION: of the specification.
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US-09-4864-426A-693
Sequence 693, Application US/09864426A
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser Michael
TITLE OF INVENTION: Engres for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SEQ ID NO 693
LENGTH: 18
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3.5%; Score 13.8; DB 1; Length 17; 17.6%; Pred. No. 2.1e+02; tive 12; Mismatches 2; Indels
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3.5%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2;
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Pred. No. 2.2e+02;
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1 UUUGUUUGUUUUUMA 17
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Best Local Similarity 82.4%;
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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           Query Match 3.5%
Best Local Similarity 17.6%
Matches 3; Conservative
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GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McGW4ggen, James

TITLE OF INVENTION: RAS, HERZ and HIV

FILE REPERENCE: 400/046-US (WHBHD2-326-A)

CURRENT PILICATION NUMBER: US/10/724,270

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR APPLICATION NUMBER: US 60/294,140

PRIOR FILING DATE: 2001-06-06

PRIOR FILING DATE: 2001-06-06

PRIOR FILING DATE: 2001-06-06

PRIOR FILING DATE: 2002-09-10

PRIOR PLILING DATE: 2002-09-10

PRIOR FILING DATE: 2002-09-10

PRIOR PLILOR DATE: 2002-09-10

PRIOR FILING DATE: 2003-09-10

PRIOR PLING DATE: 2003-09-10

PRIOR PLI
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NUMBER OF SEQ ID NOS: 6910
SOFTWARE: Patentin version 3.0
SEQ ID NO 5640
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      See File Wrapper or PALM
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88.2%; Pred. No. 2.1e+02;
                                                                                                            PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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                                                NR APPLICATION NUMBER: US 60/236,359
NR FILING DATE: 2000-09-27
NR APPLICATION NUMBER: PCT/USO1/00666
NR FILING DATE: 2001-01-30
NR APPLICATION NUMBER: PCT/USO1/00667
NR PILING DATE: 2001-01-30
NR APPLICATION NUMBER: PCT/USO1/00664
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                          FILING DATE: 2000-10-04
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Matches 15; Conservative
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; ORGANISM: Homo sapiens
US-10-724-270-5640
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3.5%; Score 13.8; DB 1; Length 18; 88.2%; Pred. No. 2.2e+02; tive 0; Mismatches 2; Indels
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Sequence 1687, Application US/09864636A

Sequence 1687, Application US/09864636A

GAPERRAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allwai, Hatim

APPLICANT: Bartholomay, Christian

APPLICANT: Chehak, Ludane

TITLE REPRENCE: FORS-04944

CURRENT APPLICATION NUMBER: US/09/864,636A

CURRENT APPLICATION NUMBER: US/09/864,636A

CURRENT FILING DATE: 2002-10-15

NUMBER OF SEQ ID NOS: 2640

SEQ ID NOS: 2640

SEQ ID NO 1687

LENGTH: 18
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GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allwai, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
TITLE OF INVENTION: Detection of RNA Sequences
TITLE OF INVENTION: DATE: 2002-10-15
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1694
                    APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REPERENCE: PORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: Patentin version 3.0
SEQ ID NO 693
LENGTH: 18
  APPLICANT: Bartholomay, Christian
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ORGANISM: Artificial Sequence
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COTHER INFORMATION: Synthetic
US-09-864-636A-693
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Best Local Similarity 88.2
Matches 15; Conservative
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                                                                                                                                             Sequence 1687, Application US/09864426A
; Sequence 1687, Application US/09864426A
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Sales, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SEQ ID NO 1687
; LENGTH: 18
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Sequence 1694, Application US/09864426A

GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFRENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT APPLICATION NUMBER: 0201-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1694
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3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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APPLICANT: Third Wave Technologies
APPLICANT: Allwai, Hatim
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554 CCCCAGCGAGCTCCTCC 570
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ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity
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Length 18;
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3.5%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                   APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TILL OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Thompson, Lisa C.
PAPLICANT: VedVik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
                                    Eis, Peggy S.
Hall, Jeff G.
Ip, Hon S.
Ji, Lin
Kaiser, Michael
Kwiatkowski, Jr., Robert W.
Lukowiak, Andrew A.
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                                                                                                                                                                                                              Neri, Bruce P.
Olson, Sarah M.
Olson-Munoz, Marilyn C.
Schaefer, James J.
Skrzypczynski, Zbigniew
Takova, Tsetska Y.
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Lukowiak, Andrew A.
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Skrzypczynski, Zbigniew
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APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
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Olson-Munoz, Marilyn C.
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Lymaicheva, Natalie E.
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Lymaicheva, Natalie E.
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                    Curtis, Michelle L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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COTHER INFORMATION: Synthetic
US-10-084-839-1687
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Neri, Bruce P.
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                                                                                      Score 13.8; DB 1; Length 18; Pred. No. 2.2e+02; 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Tackova, Tseteka Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Thompson, Lisa C.
TITLE OF INVENTION: RNA Detection Assays
FITLE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patentin version 3.1
SEQ ID NO 693
TYPP
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APPLICANT: Third Wave Technologies APPLICANT: Allawi, Hatim
APPLICANT: APTHON, Bartholomay, Christian T. APPLICANT: Chehak, LuAnne
APPLICANT: Chehak, LuAnne
APPLICANT: Curis, Michelle L. APPLICANT: Eis, Peggy S. APPLICANT: His, Peggy S. APPLICANT: His, Hon S. APPLICANT: Ji, Lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kwiatkowski, Jr., Robert W.
Lukowiak, Andrew A.
Lyamichev, Victor
Lymaicheva, Natalie E.
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Olson-Munoz, Marilyn C.
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ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
                                                                                      Query Match
Best Local Similarity 88.2%;
Matches 15; Conservative
                                  CTHER INFORMATION: Synthetic US-09-864-636A-1694
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Matches 15; Conservative
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Sequence 78509, Application US/10310188
GENERAL INFORMATION:
APPLICANT: RosettaGemonics
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THERBOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: Patentin version 3.1
SEQ ID NO 78509
                                                                                                                                 APPLICANT: ROSECTEGEMONICS
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: Patentin version 3.1
LENGTH: 18
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APPLICANT: Lyamichev, Victor
APPLICANT: Lyamicher, Michael
TITLE OF INTENTION: Braymes for the Detection of RNA Sequences
TITLE OF INTENTION: PORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 18;
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3.5%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2;
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Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2;
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APPLICANT: Third Wave Technologies
                                                                                            Sequence 32714, Application US/10310188 GENERAL INFORMATION:
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US-10-310-188-32714
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LENGTH: 19
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TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PATENTIN VERSION 3.1
LENGTH: 18
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
TITLE OF INVENTION: REGILATORY GENES AND USES THEREOF
TITLE OF INVENTION: REGILATORY GENES AND USES THEREOF
TITLE OF INVENTION: REGILATORY GENES AND USES THEREOF
CURRENT APPLICATION WIS 14/16
CURRENT APPLICATION USE: 10/10/303,778
NUMBER OF SEQ ID NOS: 17608
SOFTWARE: Patentin version 3.1
SEQ ID NO 11357
LENGTH: 18
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Pred. No. 2.2e+02;
0; Mismatches 2; Indels
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CURRENT APPLICATION NUMBER: US/10/084,839
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                 CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patentin version 3.1
SEQ ID NO 1694
LENGTH: 18
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                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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; ORGANISM: Homo sapiens
US-10-310-188-31057
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ORGANISM: Homo sapiens
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nes 15; Conserva
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ORGANISM: Homo sapiens
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Matches 15; Conserv
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Best Local Similarity
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Pred. No. 2.3e+02;
0; Mismatches 2;
                                                                                Score 13.8; DB 1;
Pred. No. 2.3e+02;
                                                                                                                                                                                                                                                            Sequence 1684, Application US/09864636A
GENERAL INFORMATION:
APPLICANT: Third wave Technologies
APPLICANT: Allwal, Hatim
APPLICANT: Chehak, Lubane
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SEQ ID NOS: 2640
SEQ ID NO 1684
LENGTH: 19
                                                                                                                 0; Mismatches
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Argue, Brad T.
Bartholomay, Christian T.
Chehak, LuAnne
Curtis, Michelle L.
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Lukowiak, Andrew A.
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Skrzypczynski, Zbigniew
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Olson-Munoz, Marilyn C.
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APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
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ymaicheva, Natalie E.
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ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
                                                                                  Query Match 3.5%;
Best Local Similarity 88.2%;
Matches 15; Conservative
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Best Local Similarity 88.2%;
Matches 15; Conservative
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                 FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1684
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Vedvik, Kevin L.
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Hall, Jeff G.
Ip, Hon S.
Ji, Lin
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US-09-864-636A-1684
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Sequence 18, Application US/10182269A
GENERAL INFORMATION:
APPLICANT: Shir, Alexei
APPLICANT: Levitzh, Alexander
TITLE OF INVENTION: SELECTIVE KILLING OF CELLS BY ACTIVATION OF DOUBLE-STRANDED RNA
TITLE OF INVENTION: PROTEIN KINASE-PKR
FILE REFERENCE: 02/23757
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GENERAL INFORMATION: Application US/10303778
GENERAL INFORMATION: ADDITIONATION: ADPLICANT: ROSELEGENOMICS
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
FILE REFERENCE: 47416
CURRENT APPLICATION NUMBER: US/10/303,778
CURRENT APPLICATION NUMBER: US/10/303,778
NUMBER OF SEQ ID NOS: 17608
SOFTWARE: Parentin version 3.1
SEQ ID NO 12363
LENGTH: 19
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88.2%; Pred. No. 2.3e+02;
tive 0; Mismatches 2;
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Pred. No. 2.3e+02;
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TITLE OF INVENTION: RNA Detection Assays FILE REFERENCE: FORS.-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patentin Version 3.1
SEQ ID NO 1684
LENGTH: 19
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Query Match
Best Local Similarity 88.2%
Matches 15; Conservative
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LOCATION: (199459)...(199474)
OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 7304
              APPLICANT: Chumakov, ilya
APPLICANT: Abderrahim, Hadi
APPLICANT: Diffaure-Gare, Isabelle
ITILE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
FILE REFERENCE: 84.US1.PRO
CURRENT REPETATION NUMBER: US/60/216,745
CURRENT FILING DATE: 2000-06-30
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: LOCATION: 1..19

: OTHER INFORMATION: upstream amplification primer 99-39951 for SEQ 2494,

US-60-216-745-7025
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GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Sinorhizobium mellioti complete genome, plasmid pS; FILE REFERENCE: Jim Zeger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: PCT/US02/25942
CURRENT FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 15792
SOFTWARE: Proprietary
SEQ ID NO 7139
LENGTH: 15
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Sequence 7269, Application PC/TUS0225942

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid pS; FILE REPRENCE: Jum Zegeer Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: PCT/US02/25942

CURRENT FILING DAIE: 2002-08-27

NUMBER OF SEQ ID NOS: 15792

SEQ ID NO 7269

LENGTH: 15
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ORGANISM: Sinorhizobium meliloti complete genome, plasmid pS
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Blumenfeld, Marta
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Best Local Similarity 88.23
Matches 15; Conservative
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ORGANISM: Homo Sapiens
                                                                                                                                                    NUMBER OF SEQ ID NOS:
SOFTWARE: Patent.pm
SEQ ID NO 7025
LENGTH: 19
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Matches 14; Conserv
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PCT-US02-25942-7269
APPLICANT:
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                                                                                                                                                            APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Llya
APPLICANT: Chumakov, Llya
APPLICANT: Chumakov, Llya
APPLICANT: Abderrahim, Hadi
APPLICANT: Abderrahim, Hadi
APPLICANT: Dafaure-Gare, Isabelle
TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
FILE REFERENCE: 84.US1.PRO
CURRENT APPLICATION NUMBER: US/60/216,745
CURRENT FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 13665
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; OTHER INFORMATION: upstream amplification primer 99-27636 for SEQ 185,
US-60-216-745-4716
  Gaps
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Pred. No. 2.3e+02;
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Mismatches
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GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
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GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
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Matches 15; Conservative
15; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo Sapiens
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Best Local Similarity
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US-60-216-745-4716
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LENGTH: 19
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SEQ ID NO 4716
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LOCATION: (240580)...(240594)
OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 7498
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TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
FILE REFERENCE. Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/227,567
CURRENT FILING DATE: 2002-08-16
SOFTWARE: Proprietary
SEQ ID NOS: 15792
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Sinorhizobium meliloti complete genome, plasmid
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                                                                                                              FEATURE:
; OTHER INFORMATION: human lactoferrin reverse primer:
US-09-998-547-4
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Pred. No. 2e+02;
0; Mismatches 1;
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                                                                                                                                                                                                       3.4%; Score 13.4; DB 1 illarity 93.3%; Pred. No. 2e+02; Conservative 0; Mismatches
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 4 LENGTH: 15
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GENERAL INFORMATION:
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; OTHER INFORMATION: Chromosome
US-10-227-567-7139
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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US-10-227-567-7269
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LENGTH: 15
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                                                ConnectronObjectNumber =
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TITLE OF INVENTION: PEPTIDES FOR THE TREATMENT OF OTITIS MEDIA AND PARANASAL
TITLE OF INVENTION: SINUSTIS
FILE REPERENCE: HOUSEL. 002VPC
CURRENT APPLICATION NUMBER: PCT/US02/38045
CURRENT APLILAGE DATE: 2002-11-26
PRIOR APPLICATION NUMBER: US 09/998,547
PRIOR FILING DATE: 2001-11-27
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PSECSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 15
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Pred. No. 2e+02;
0; Mismatches 1; Indels
                                                                                                              Query Match
3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
                                                Strand = negative
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CURRENT APPLICATION NUMBER: US/09/998,547
CURRENT FILING DATE: 2001-11-21
PRIOR APPLICATION NUMBER: 60/253,492
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application PC/TUS0238045
GENERAL INFORMATION:
APPLICANT: House Ear Institute
                        ; LOCATION: (240580)...(240594); OTHER INFORMATION: Chromosome = 3 PCT-US02-25942-7269
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APPLICANT: Lee, Haa-Yung
APPLICANT: Webster, Paul
APPLICANT: Andalibi, Ali
APPLICANT: Li, Jian-Dong
APPLICANT: Ganz, Tomas
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Best Local Similarity 93.3;
Matches 14; Conservative
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Webster, Paul
Andalibi, Ali
Li, Jian-Dong
Ganz, Tomas
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APPLICANT:
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APPLICANT:
FEATURE:
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; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 15885
US-10-305-275A-1113
                                                                                         i LOCATION: (722730)...(722745)
i OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = US-10-305-275A-753
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...(THER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = US-10-367-729A-7139
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TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/367,729A
CURRENT FILING DATE: 2003-02-19
NUMBER OF SEQ ID NOS: 15792
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GENERAL INFORMATION:
APPLICANT Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/305,275A
CURRENT FILING DATE: 2002-11-27
NUMBER OF SEQ ID NOS: 1617
                                            ORGANISM: Aeropyrum pernix K1 complete genome.
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ORGANISM: Aeropyrum pernix K1 complete genome.
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Matches 14; Conservative
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Best Local Similarity
' ~ ~ hes 14; Conserve
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Matches 14; Conserv
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LENGTH: 15
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                      TYPE: DNA
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US-10-305-25A-753/c
US-10-305-25A-753/c
GENERAL INFORMATION:
ABDILORN': Peldmarn, Richard J.; Global Determinants, Inc.; TILE OF INVENTION: Aeropyrum pernix K complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/305,275A
CURRENT FILING DATE: 2002-11-27
NUMBER OF SEQ ID NOS: 1617
SEQ ID NO 753
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Feldmann, Richard J.; Global Determinants, Inc. TITLE OF INVENTION: Aeropyrum pernix K1 complete genome. FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333 CURRENT APPLICATION NUMBER: US/10/305,275 CURRENT FILING DATE: 2002-11-28 SOFTWARE: Proprietary SOFTWARE: Proprietary SEQ ID NO 1113
                                                                                                                                                       APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
FILE REPRENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/305,275
CURRENT FILING DATE: 2002-11-28
NUMBER OF SEQ ID NOS: 1617
SOFTWARE: Proprietary
LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Aeropyrum pernix K1 complete genome.
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                                                                                                             Sequence 753, Application US/10305275 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                ; LOCATION: (722730)...(722745)
; OTHER INFORMATION: Chromosome = 1
US-10-305-275-753
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CTCCAAGACCAAGAC
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Best Local
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7304

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Strand = positive ConnectronObjectNumber = 10064
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Sequence 2672, Application US/10605840

Sequence 2672, Application US/10605840

GENERAL INPORMATION:

A PELL TROUGHT ABOUT SET THE SET OF INVENTION:

TITLE OF INVENTION:

FILE PEREMENCE: 550.2

CURRENT APPLICATION NUMBER: US/10/605,840

CURRENT FILING DATE: 2003-10-30

NUMBER OF SEQ ID NOS: 3750

SEQ ID NO 2672

LENGTH: 16
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Sequence 47, Application PC/TUS9810391
GENERAL INFORMATION:
APPLICANT: Gensalves, Dennis
APPLICANT: Gensalves, Dennis
APPLICANT: Meng, Baczhong
TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND THEIR USES
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
CITT'S Rochester
GENAME.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
3.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                      1; Indels
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                                                                                                                                                                                                                                                            Query Match

3.4%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1;
                                                                        TYPE: DNA ORGANISM: Caulobacter crescentus complete genome
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/047,147
                                                                                                                                                  ; LOCATION: (1248427) ... (1248442)
; OTHER INFORMATION: Chromosome = 1
US-10-287-787-9183
                                                                                                                                                                                                                                                                                                                                                                        674 TGGCGGACCCCCAGG 688
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA; ORGANISM: Homo sapiens US-10-605-840-2672
SOFTWARE: Proprietary
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: U.S.A.
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STATE: Ne
COUNTRY:
                      SEQ ID NO 9183
                                                                                                                               FEATURE:
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; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 7498
US-10-367-729A-7269
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TITLE OF INVENTION: Computational Method for Constructing a Universal
TITLE OF INVENTION: Computational Method for Constructing a Universal
TITLE OF INVENTION: Tag-Antitag Molecular Array System for Hybridization
TITLE OF INVENTION: Analysis
FILE REFERENCE: 10992790
CURRENT APPLICATION NUMBER: US/09/528,209A
CURRENT FILING DAIE: 2000-03-17
NUMBER OF SEQ ID NOS: 10286
                                                                                                                                          APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
FILE REPERBENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/367,729A
CURRENT FILING DATE: 2003-02-19
NUMBER OF SEQ ID NOS: 15792
SOFTWARE: Proprietary
SEQ ID NO 7269
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3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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GENERAL INFORMATION:
APPLICANT: Feldmann. Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Caulobacter crescentus complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 27958
                                                                                           Sequence 7269, Application US/10367729A GENERAL INFORMATION:
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SEQ ID NO 8326
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Best Local Similarity 93.3
Matches 14; Conservative
                                                                     JS-10-367-729A-7269
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APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                               CITY: LOB Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
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APPLICANT: Dervan, Peter A.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TRIPLE-HELIX FORMATION
FILE REFERENCE: A-56557-3
CURRENT APPLICATION NUMBER: US/08/168,920E
CURRENT FILING DATE: 1992-12-16
PRIOR APPLICATION NUMBER: 07/946,976
PRIOR FILING DATE: 1992-09-17
WUNBER OF SEQ ID NOS: 128
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 90
LENGTH: 17
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NAME/KEY: misc_feature

LOCATION: (1)

OTHER INFORMATION: T at position 1 = thymidine-EDTA.

NAME/KEY: misc_feature

LOCATION: (3)

OTHER INFORMATION: N at position 3, and 10 = d2 as defined on page 34

OTHER INFORMATION: of the specification.

OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-08-168-920E-90
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FILING DATE: 20-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/069,902
FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1722
TELECHONE: (716) 263-1304
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US-08-435-632-1575
Sequence 1575, Application US/08435632
RENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 90, Application US/08168920E GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           582 TTTTGTTGTTTTTTCT 598
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 resecricialities 15
                                                                                                                                                                                                                                       TELEFAX: (716) 263-1600 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                             LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: linear ; MOLECULE TYPE: CDNA PCT-US98-10391-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-168-920E-90
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APPLICATION GRAPE TABLE

TITLE OF INVESTION: REALPERS AND COMPOSITIONS FOR ITILE OF INVESTION: REALPERS AND FILLE OF INVESTION: REALPERS OF SECURIOR STATES OF SECURI
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APPLICANT: David Housman
APPLICANT: Barbara Jordan
APPLICANT: Barbara Jordan
APPLICANT: Barbara Jordan
APPLICANT: Barbara Jordan
APPLICANT: Alain Chares
TITLE OF INVENTION: Methods and Products Related to Genotyping and DNA Analysis
FILE REPERENCE: M0656/7045(HCL/Jav)
CURRENT APPLICATION NUMBER: US/09/404,912B
CURRENT FILING DATE: 1999-09-24
PRIOR PILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PG/101,757
PRIOR PILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE PARISEQ for Windows Version 3.0
SEQ ID NO 486
LENGTH: 17
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APPLICANT: Gonsalves, Dennis
APPLICANT: Meng, Baczhong
TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND THEIR USES
FILE REFERENCE: 07678/035004
CURRENT FALLICATION NUMBER: US/09/568,189
CURRENT FILING DATE: 2000-05-09
PRIOR APPLICATION NUMBER: 60/047,147
PRIOR FILING DATE: 1997-12-17
PRIOR PEDICATION NUMBER: 09/069,902
PRIOR FILING DATE: 1997-12-17
PRIOR FILING DATE: 1998-05-19
NUMBER OF SEQ ID NOS: 54
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 17;
                                                                                                                             Length 17;
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                                                                                                                          Score 13.4; DB 1;
Pred. No. 2.3e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                        RESULT 383
US-09-404-912B-486/c
Sequence 486, Application US/09404912B
GENERAL INFORMATION:
APPLICANT: John Landers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 47, Application US/09568189 GENERAL INFORMATION:
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                                                                                                                          Query Match
3.4%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                766 CCTCCACTTCTGAGG 780
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ORGANISM: Artificial Sequence
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                        ; TYPE: DNA; CORGANISM: Homo Sapiens US-09-404-912-486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-404-912B-486
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US-09-568-189-47
  LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 486, Application US/09404912
; Sequence 486, Application US/09404912
; GENERAL INFORMATION:
    APPLICANT: John Landers
    APPLICANT: John Landers
    APPLICANT: John Landers
    APPLICANT: David Houseman; APPLICANT: Alain Charest
    TITLE OF INVENTION: Methods and Products Related to
    TITLE OF INVENTION: MODER: US/09/404,912
    CURRENT FILING DATE: 1999-09-24
    PRIOR PILING DATE: 1998-09-25
    PRIOR PILING DATE: 1998-09-24
    NUMBER: OF SEQ ID NOS: 691
    SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/777,920
FILING DATE: 23-DEC-1996
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 23-DEC-1996
CLASSIFCTATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/25,466
FILING DATE: MAY 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Ebbruary 7, 1994
APPLICATION NUMBER: 07/98,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/98,132
FILING DATE: AUGUST 26, 1992
APPLICATION NUMBER: 07/98,132
FILING DATE: AUGUST 26, 1992
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      209/035
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Warburg, Richard
REGISTRATION UNDER: 32,327
REFERENCE/DOCKET NUMBER: 209/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1575:
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| GCUCUCCUCGAACUC 15
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LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                             CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
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Les 10; Conserv
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US-08-777-920-1575
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Matches
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Sequence 787, Application US/09818875

GENERAL INFORMATION:
APPLICANT: Kniec, Exide
APPLICANT: Ranec, Exide
APPLICANT: Ranec, Exide
APPLICANT: Ranec, Howard B.
APPLICANT: Ranec, Howard B.
APPLICANT: Ranec, Howard C.
TITLE OF INVENTION: Stranded Oligonucleotides
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US/0/192,176
PRIOR PLING DATE: 2000-03-27
PRIOR PLING DATE: 2000-03-27
PRIOR PLING DATE: 2000-03-27
PRIOR PLING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR PLING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
FEMALE: TENEMENT: 17
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GENERAL INFORMATION:
APPLICANT: Kniec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
ITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
ITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
ITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
FILE REFERENCE: Napro-3-27
CURRENT FILING DATE: 2001-03-27
FRIOR APPLICATION NUMBER: US 60/192,176
FRIOR APPLICATION NUMBER: US 60/192,179
FRIOR FILING DATE: 2000-03-27
FRIOR FILING DATE: 2000-03-27
FRIOR FILING DATE: 2000-06-01
FRIOR SPELICATION NUMBER: US 60/244,989
FRIOR FILING DATE: 2000-06-01
FRIOR APPLICATION NUMBER: US 60/244,989
FRIOR FILING DATE: 2000-06-01
FRIOR APPLICATION NUMBER: US 60/244,989
FRIOR FILING DATE: 2000-06-01
FRIOR APPLICATION NUMBER: US 60/244,989
FRIOR FILING DATE: 2000-06-01
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FRIOR FILING DATE: 2000-06-01
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FRIOR FILING DATE: 2000-06-01
FRIOR APPLICATION NUMBER: US 60/244,989
FRIOR FILING DATE: 2000-06-01
FRIOR APPLICATION NUMBER: US 60/244,989
FRIOR FILING DATE: PARENTER FRIOR DATE: 2000-06-01
FRIOR APPLICATION NUMBER: US 60/244,989
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                                                                      Length 17;
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                                                                  Query Match
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                               798 AAGAGCTCTCCTCCA 812
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-818-875-787/c
US-09-776-474-1062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-818-875-787
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SEQ ID NO 788
LENGTH: 17
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Booher, Robert
APPLICANT: Booher, Robert
APPLICANT: Booher, Robert
APPLICANT: Booher, Robert
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Between the Inhibition of Checkpoint Kinase-1 (CHK
TITLE OF INVENTION: Between the Invention of Checkpoint Kinase-1 (CHK
TITLE OF INVENTION: Between the Invention of Checkpoint Kinase-1 (CHK
TITLE OF INVENTION: Between the Invention of Checkpoint Kinase-1 (CHK
TITLE OF INVENTION: Between the Invention NUMBER: US/09/776,474
CURRENT APPLICATION NUMBER: US 60/179,983
PRIOR PELING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 2992
NUMBER OF SEQ ID NOS: 2992
SOFTWARE: Patentin version 3.0
SEQ ID NO 1062
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Meng, Bacahong
TITLE OF INVENTION: RUPEGTRIS STEM PITTING ASSOCIATED VIRUS
TITLE OF INVENTION: RUPEGTRIS STEM PITTING ASSOCIATED VIRUS
TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND THEIR USES
FILE REPERENCE: 07678/035004
CURRENT APPLICATION NUMBER: US/09/568,189A
CURRENT FILING DATE: 2000-05-09
PRIOR APPLICATION NUMBER: 60/047,147
PRIOR APPLICATION NUMBER: 60/069,902
PRIOR FILING DATE: 1997-05-20
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 09/081,320
PRIOR FILING DATE: 1998-05-19
NUMBER OF SEQ ID NOS: 977
SEG ID NOS: 977
TOWNER: FASTESO for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic based on Rupestris stem pitting; OTHER INFORMATION: associated virus
US-09-568-189A-47
                                                                      Query Match 3.4%; Score 13.4%; DB 1; Length 17; Best Local Similarity 93.3%; Pred. No. 2.3e+02; Matches 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match 3.4%; Score 13.4; DB 1; Length 17; Best Local Similarity 93.3%; Pred. No. 2.3e+02; Matches 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-568-189A-47; Sequence 47, Application US/09568189A; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                               762 TAGGCCTCCACTTCT 776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    762 TAGGCCTCCACTICT 776
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                                                                                                                                                                                                                                                            1 TGGGCCTCCACTTCT 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Gonsalves, Dennis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 386
US-09-776-474-1062/c
   US-09-568-189-47
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Sequence 1328, Application US/09848754A

SEQUENCE 1328, Application US/09848754A

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
CURRENT MBH800-958-I (400/018)
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: Patentin version 3.0
SOFTWARE: Patentin version 3.0
SOFTWARE: Patentin version 3.0
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TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MBHB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: Patentin version 3.0
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3.4%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1;
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GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR FILING DATE: 2001-01-30
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; Sequence 1329, Application US/09848754A
; GENERAL INFORMATION:
614 GACTCTGCCTGGTTC 628
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Matches 14; Conserv
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US-09-848-754A-1328/C
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LENGTH: 17
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Sequence 744, Application US/09827395A

Sequence 744, Application US/09827395A

Sequence 744, Application.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Gawrence Blatt

APPLICANT: James McSwiggen

TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Receptor of TITLE OF INVENTION NUMBER: US/09/827,395A

CURRENT APPLICATION NUMBER: US/09/827,395A

CURRENT PILING DATE: 2001-04-05

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2000-02-11

STATUS APPLICATION NUMBER: 60/181,797
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APPLICANT: James McSwiggen
APPLICANT: James McSwiggen
APPLICANT: James McSwiggen
APPLICANT: Bhatt Chowriza
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor FILE REFERENCE: MHH00-878-C (400/017)
CURRENT APPLICATION NUMBER: US/09/827,395A
CURRENT FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR APPLICATION NUMBER: 60/181,797
RIGH APPLICATION NUMBER: 60/181,797
RIGH APPLICATION NUMBER: 60/181,797
RIGH APPLICATION NUMBER: 60/181,797
SEQIEN OF SEQIEN NOS: 2617
SEQIEN NO 461
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                                                                       Score 13.4; DB 1;
Pred. No. 2.3e+02;
0; Mismatches 1;
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; Sequence 461, Application US/09827395A
; GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 744
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Best Local Similarity 93.3%;
Matches 14; Conservative
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  ; ORGANISM: Homo sapiens
US-09-818-875-788
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Best Local Similarity
Matches 10; Conserv
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Matches 10; Conserv
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US-09-827-395A-744
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Matches
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FILING DATE: 2001-01-30

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Sequence 787, Application US/10209787

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Sequence 787, Application US/10209787

Sequence 787, Application US/10209787

APPLICANT: Kmiec, Eric B.

APPLICANT: Rice, Michael C.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonuclectides

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/10/209,787

CURRENT APPLICATION NUMBER: US 60/192,176

PRIOR PLING DATE: 2001-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR PLING DATE: 2000-03-27

PRIOR PLING DATE: 2000-03-27

PRIOR PLING DATE: 2000-03-27

PRIOR PLING DATE: 2000-03-27

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APPLICANT: Ranjec, Eric B.
APPLICANT: Ranjec, Howard B.
APPLICANT: Ranjec, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
CURRENT APPLICATION NUMBER: US 90/818,875
PRIOR PELLOR DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR PILING DATE: 2000-06-01
PRIOR PILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
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; ORGANISM: Homo sapiens
US-10-209-787-787
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Best Local Similarity
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US-10-209-787-787/c
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CRGANISM: Homo
US-10-209-787-788
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US-10-209-787-788
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REPERENCE: PB0178
FILE REPERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
FILE REPERENCE: PB0178
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR STUNG DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR PLING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR PRIOR DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Abeomica Sequence Listing Engine SEG ID NO 1114
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GENERAL INFORMATION:
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CORGANISM: Homo sapiens
US-10-061-201-1118
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CRGANISM: Homo sapiens
US-10-061-201-1114
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Sequence 34575. Application US/10310188

Sequence 34575. Application US/10310188

GENERAL INFORMATION:

TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENERAL TITLE OF INVENTION: USES THEREOF

TITLE OF SEQUENCE: 47487

CURRENT APPLICATION NUMBER: US/10/310,188

CURRENT APPLICATION NUMBER: US/10/310,188

CURRENT FILING DATE: 2002-12-19

SOFTWARRE: PATCHILIN VERSION 3.1

SEQUENCE OF THE OFFICE OFF
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| Sequence 48390, Application US/10310188
| GENERAL INFORMATION:
| GENERAL INFORMATION:
| APPLICANT: ROSECTAGE
| TITLE OF INVENTION: USES THEREOF
| FILE REFERENCE: 47487
| CURRENT APPLICATION NUMBER: US/10/310,188
| CURRENT APPLICATION NUMBER: US/10/310,188
| CURRENT PILING DATE: 2002-12-19
| NUMBER OF SEQ ID NOS: 86841
| SOFTWARE: PATENTIN VERSION 3.1
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                                                                                                                                                                                                                                                  Length 17;
                                                                                                                                                                                                                                                                                                                                                           1; Indels
                                                                                                                                                                                                                                                            Score 13.4; DB 1;
Pred. No. 2.3e+02;
0; Mismatches 1;
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; Sequence 363, Application US/10338777
; GENERAL INFORMATION:
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Best Local Similarity 93.3%; Pr
Matches 14; Conservative 0;
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ORGANISM: Homo sapiens
                            LENGTH: 17
TYPE: DNA
CRGANISM: Homo sapiens
US-10-261-185-788
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Homo sapiens
US-10-310-188-34575
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LENGTH: 17
SEQ ID NO 788
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gengelica /o', application US/10261185

gengeral INFORMATION:
APPLICANT: Railed, Eric B.
APPLICANT: Railed, Michael C.
Interest and English and English and English applications with Modified Single
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations Targeted Chromosomal Genomic Action Number: D002-09-27
PRIOR PELING DATE: 2000-03-27
PRIOR PELING DATE: 2000-03-27
PRIOR PELING DATE: 2000-03-27
PRIOR PELING DATE: 2000-03-27
PRIOR PELING DATE: 2000-06-01
PRIOR PILING DATE: 2000-06-01
PRIOR PILING DATE: 2000-06-01
PRIOR PILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE Friedman macro Napro4
SEQ ID NO 787
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APPLICANT: Ramper, Howard B.
APPLICANT: Ramper, Howard B.
APPLICANT: Ramper, Howard B.
APPLICANT: Ramper, Howard B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: NaPro-4COM
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR PILING DATE: 2000-06-01
PRIOR PILING DATE: 2000-06-01
PRIOR PILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ 1D NOS: 4385
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NUMBER OF SEQ 1D NOS: 4386
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                                 Query Match
3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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; Sequence 788, Application US/10261185
; GENERAL INFORMATION:
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; Sequence 787, Application US/10261185
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US-10-261-185-787
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APPLICANT: Peter Habberli
TITLE OF INVENTITON: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
FILE REFERENCE: MBHB00-879-H (400/112)
CURRENT APPLICATION NUMBER: US/10/430,882
CURRENT FILING DATE: 2003-05-06
PRIOR PELING DATE: 2001-06-05
PRIOR PLING DATE: 2001-04-05
PRIOR PLING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2000-02-11
PRIOR FILING DATE: 2002-04-03
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APPLICANT: Blatt, Lawrence
APPLICANT: Chowrira, Bharat
APPLICANT: Heberli, Peter
APPLICANT: Heberli, Peter
APPLICANT: Heberli, Peter
APPLICANT: Heswiggen, James
APPLICANT: Heswiggen, James
APPLICANT: McSwiggen, James
APPLICANTON NUMBER: 06/181,797
FILE REFERENCE: 2001-02-09
FRIOR APPLICANTON NUMBER: 06/294,412
FRIOR APPLICANTON NUMBER: 06/294,412
FRIOR FILING DATE: 2001-06-29
FRIOR APPLICANTON NUMBER: 60/315,315
FRIOR FILING DATE: 2001-06-29
FRIOR APPLICANTON NUMBER: 60/315,315
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Pred. No. 2.3e+02;
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Best Local Similarity 66.7%;
Matches 10; Conservative
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US-10-471-271-461
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Best Local Similarity
Matches 10; Conserv
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FILE REFERENCE: MBHBO0-879 H (400/112)
CURRENT APPLICATION NUMBER: US/10/430,882
CURRENT APPLICATION NUMBER: 09/827,395
PRIOR FILING DATE: 2001-04-05
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2000-02-11
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 2617
SEQ ID NO 461
LENGTH: 17
                 APPLICANT: United States Department of Agriculture
APPLICANT: Bowen, Benjamin A
APPLICANT: Bowen, Benjamin A
APPLICANT: Bowen, Benjamin A
APPLICANT: Buckler, Edward s
TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
FILE REPRESENTS: 30.0051002
CURRENT APPLICATION NUMBER: US/10/338,777
CURRENT FILING DATE: 2003-01-07
NUMBER OF SEQ ID NOS: 405
SOFTWARE: Patentin version 3.1
SEQ ID NO 363
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaccuticals, Inc.
APPLICANT: Lawrence Blatt
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Lawrence Blatt
APPLICANT: Lynx Therapeutics, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             830 TCTCTTTTCTTCT 844
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14; Conservative
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Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ) ORGANISM: Homo mapiens
US-10-430-882-461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
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US-10-430-882-461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-338-777-363
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APPLICANT:
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APPLICANT: KMIEC, ERIC B.
APPLICANT: KMIEC, ERIC B.
APPLICANT: WAS BRABANT, ANJA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
TITLE OF INVENTION: OLIGOMUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
FILE REFERENCE: NaPro-18 US
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
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                                                                    APPLICANT: KMIEC, ERIC B.

TITLE OF INVENTION: TARGETED NUCLEIC ACID SEQUENCE ALTERATION USING PLURAL TITLE OF INVENTION: OLIGONUCLEOTIDES
FILE REPERRINCE: NAPRO-14 US
CURRENT APPLICATION NUMBER: US/10/623,107
CURRENT APPLICATION NUMBER: US 60/397,555
PRIOR APPLICATION NUMBER: US 60/397,555
PRIOR FILING DATE: 2002-07-19
NUMBER OF SEQ ID NOS: 7046
SOFTWARE: PATENTIN VET 3.2
SEQ ID NO 788
LENGTH: 17
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APPLICANT: John Landers
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
TITLE OF INVENTION: Methods and Products Related to
TITLE OF INVENTION: Methods and DNA Analysis
FILE REFERENCE: M0656/7045/RCL/MAT)
CURRENT FILING DATE: 2003-09-29
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR APPLICATION NUMBER: PS 60/101,757
PRIOR APPLICATION NUMBER: PS 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-25
SROID NOS: 691
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
3.4%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1;
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US-10-676-154-486/c
; Sequence 486, Application US/10676154
; GENERAL INFORMATION:
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Sequence 788, Application US/10623107 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                   Sequence 744. Application US/10471271
Sequence 744. Application US/10471271
Sequence 744. Application US/10471271
Sequence 744. Application US/10471271
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: Achigan, James
APPLICANT: Achigan, James
APPLICANT: McSwiggen, McSwiggen, McGrate
APPLICANT: McSwiggen, McSwiggen, McGrate
APPLICANT: McSwiggen, McGrate
APPLICANT: McSwiggen, McGrate
APPLICANT: McSwiggen, McGrate
APPLICANT: McGrate
APPLICANT: McSwiggen, McGrate
APPLICANT: McGrate
APPLICANT: McSwiggen, McGrate
APPLICANT: McGrate
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GENERAL INFORMATION:
APPLICANT: RAILED.
TITLE OF INVENTION: OLIGONUCLECT ACID SEQUENCE ALTERATION USING PLURAL:
TITLE OF INVENTION: OLIGONUCLEOTIDES
FILLE REFERENCE: NAFFO-44
CURRENT APPLICATION NUMBER: US
CURRENT APPLICATION NUMBER: US
FRICK APPLICATION NUMBER: US
FRICK APPLICATION NUMBER: US
FRICK APPLICATION NUMBER: US
FRICK FILLING DATE: 2003-07-18
FRICK FILLING DATE: 2003-07-18
FRICK FILLING DATE: 2003-07-18
FRICK FILLING DATE: 2003-07-18
FRICK FILLING DATE: 2003-07-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3.4%; Score 13.4; DB 1; Length 17; 66.7%; Pred. No. 2.3e+02;
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Best Local Similarity 93.3%;
Matches 14; Conservative
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Matches 10; Conservative
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; ORGANISM: Homo sapiens
US-10-471-271-744
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; ORGANISM: Homo sapiens
US-10-623-107-787
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US-10-623-107-787/c
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Sequence 2138, Application US/10723361
Sequence 2138, Application US/10723361
Sequence 2138, Application US/10723361
APPLICANT: UT Vinhous
APPLICANT: UT Vinhous
APPLICANT: UT Vinhous
APPLICANT: ENN, Sharron G.
APPLICANT: ENN, Lavid R.
APPLICANT: RANK, David R.
APPLICANT: RANK, David R.
APPLICANT: STANKON, MARK
TITLE OF INVERTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART APPLICANTON NUMBER: US 09/866,108
PRIOR PILING DATE: 2001-05-26
PRIOR PLILING DATE: 2001-05-26
PRIOR PLILING DATE: 2000-05-66
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PLILING DATE: 2000-10-04
PRIOR PLILING DATE: 2001-01-04
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PLING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3.4%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 2.38+02; Live 0; Mismatches 1; Indels
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Matches 14; Conservative
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US-10-723-361-2137
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APPLICANT: 01, Yonggang

APPLICANT: 01, Yonggang

APPLICANT: 01, Yonggang

APPLICANT: 02, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: PANZEL, David R.

APPLICANT: RANK, David R.

TILLE OF INVENTION NUMBER: US 09/866,108

PRIOR PELING DATE: 2001-05-25

PRIOR PELING DATE: 2001-05-26

PRIOR PELING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-01-04
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APPLICANT: ANJA

TITLE OF INVENTION: OLIGONUCLEOTIONS FOR REDUCING SCREENING IN

TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION

FILE REPERENCE: NaPro-18 US

CURRENT APPLICATION NUMBER: US/10/681,074

CURRENT APPLICATION NUMBER: US 60/453,360

PRIOR PILING DATE: 2003-03-07

PRIOR PILING DATE: 2003-03-07

PRIOR FILING DATE: 2000-10-07

NUMBER OF SEQ ID NOS: 4375

SOFTWARES: Patentin version 3.2

SEQ ID NO 788

LENGTH: 17
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PRIOR FILING DATE: 2003-03-07
PRIOR PEDLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 4375
SEG ID NO 787
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 788, Application US/10681074; GENERAL INFORMATION:
; APPLICANT: KMIEC, ERIC B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   582 ITTTGTTCTGTTTT 596
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                                                                                                                                                                                                                                                                  TYPE: DNA
CORGANISM: Homo sapiens
US-10-681-074-787
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CORGANISM: Homo sapiens
US-10-681-074-788
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Best Local Similarity
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US-10-723-361-2137/c
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TITLE OF INVENTION: Methods and Products Related to TITLE OF INVENTION: Generyping and DNA Analysis FILE REFERENCE: M0656/7045 (HCL/MAT); CURRENT APPLICATION NUMBER: US/10/767.154 CURRENT FILING DATE: 2003-09-29 PRIOR APPLICATION NUMBER: US 60/101,757 PRIOR APPLICATION NUMBER: PCT/US99/22283 PRIOR FILING DATE: 1998-09-24 NUMBER OF SEQ ID NOS: 691 SOFTWARE: PeatsEQ for Windows Version 3.0 SEQ ID NO 486 LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3.4%; Score 13.4; DB 1;
93.3%; Pred. No. 2.3e+02;
tive 0; Mismatches 1;
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Pred. No. 2.3e+02;
0; Mismatches 1;
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GRNERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUWAN POSH-LIKE PROTEIN 1
FILE REFERENCE: BEOMICA-26
CURRENT APPLICATION NUMBER: US/60/328,205
CURRENT FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 1118
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TITLE OF INVENTION: HUMAN FOSH-LIKE PROTEIN:
FILE REPERBENCE: ACMICA-26
CURRENT APPLICATION NUMBER: US/60/328,205
CURRENT FILING DATE: 2001-10-10
NUMBER: OF SEQ ID NOS: 4162
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 1114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 415
9-60-328-205-1114
Sequence 1114, Application US/60328205
GENERAL INFORMATION:
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Best Local Similarity 93.3%; Pre
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Best Local Similarity 93.3
Matches 14; Conservative
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CRGANISM: Homo sapiens
US-60-328-205-1118
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ORGANISM: Homo Sapiens
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Matches 14; Conserv
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US-60-328-205-1118
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENY PPLICATION NUMBER: US/10/723,361
CURRENY FILING DATE: 2003-11-26
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PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR FILING DATE: 2000-05-26

PRIOR PLILNG DATE: 2000-05-26

PRIOR PLILNG DATE: 2000-010-04

PRIOR PLILNG DATE: 2000-010-04

PRIOR PLILNG DATE: 2000-010-04

PRIOR PLILNG DATE: 2000-010-04

PRIOR PRILNG DATE: 2000-09-27

PRIOR PLILNG DATE: 2000-010-30

PRIOR PLILNG DATE: 2001-01-30

PRIOR PLING DATE: 2001
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                                                                                         Match 3.4%; Score 13.4; DB 1; Length 17; Local Similarity 93.3%; Pred. No. 2.3e+02; les 14; Conservative 0; Mismatches 1; Indels
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GENERAL INFORMATION:
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GENERAL INFORMATION:
APPLICANT: John Landers
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      683 CCCAGGGCCACACTG 697
                                                                                                                                                                                                                  683 CCCAGGGCCACACTG 697
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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         ORGANISM: Homo sapiens US-10-723-361-2138
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Best Local Similarity
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US-10-767-154-486/c
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       APPLICANT: HEKIMI, Siegfried
TITLE OF INVENTION: STRUCTURAL AND FUNCTIONAL CONSERVATION
TITLE OF INVENTION: OF THE C. ELEGANS CLOCK GENE CLK-1
FILE REPERENCE: 701826/50013
CURRENT APPLICATION NUMBER: US/09/295,487B
CURRENT FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: 60/028,977
PRIOR APPLICATION NUMBER: 60/033,196
PRIOR PILING DATE: 1996-12-11
PRIOR APPLICATION NUMBER: 60/033,196
PRIOR FILING DATE: 1996-12-18
NUMBER OF SEQ ID NOSS: 20
SOFTWARE: FRAESEQ for Windows Version 3.0
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Sequence 8, Application US/09295487C

GENERAL INFORMATION:
TITLE OF INVENTION: Stegfried

TITLE OF INVENTION: STRUCTURAL AND FUNCTIONAL CONSERVATION
TITLE OF INVENTION: OF C. ELEGANS CLOCK GENE CLK-1
FILE REPERENCE: 11202-003-99
CURRENT FILING DATE: 1999-04-20
FRIOR PRIOR PAPALICATION NUMBER: 60/028,977
PRIOR FILING DATE: 1996-10-21
FRIOR FILING DATE: 1996-10-21
FRIOR FILING DATE: 1996-118
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO SEQ ID NOS: 29
LENGTH: 18
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APPLICANT: Cowsert, Lex M.
APPLICANT: Cowsert, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
APPLICANT: Xu, Niaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION FILE REFERENCE: ISPH-0321
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93.3%; Pred. No. 2.4e+02;
tive 0; Mismatches 1;
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Pred. No. 2.4e+02;
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3.4%; Score 13.4; DE
Best Local Similarity 93.3%; Pred. No. 2.46*
Matches 14; Conservative 0; Mismatches
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: primer SHP59
US-09-295-4878-8
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US-09-295-487C-8
                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: artificial sequence
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Best Local Similarity
Matches 14; Conserv
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Sequence 85, Application PC/TUS9923171

Sequence 85, Application PC/TUS9923171

Sequence 85, Application PC/TUS9923171

GENERAL INFORMATION:
APPLICANT: Cowsert, Lex M.
APPLICANT: Cowsert, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Lais Pharmaceuticals, Inc.
APPLICANT: Tais Pharmaceuticals, Inc.
APPLICANT: No. Xiaoxing 8.
TITLE OF INVENTION: ASSOCIATE PACTOR (TRAFS)
FILE REFERENCE: ISPH-0411

FILE REFERENCE: ISPH-0411

CURRENT APPLICATION UNDHER: PCT/US99/23171

CURRENT PILING DATE: 1999-10-05

NUMBER OF SEQ ID NOS: 268
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REPERENCE:
GURRENT APPLICATION NUMBER: US/09/295,487A
CURRENT FILING DATE: 1999-04-20
FRIOR PELLING DATE: 1999-04-20
FRIOR PELLING DATE: 1996-10-21
PRIOR APPLICATION NUMBER: 60/028,977
PRIOR APPLICATION NUMBER: 60/033,196
FRIOR APPLICATION NUMBER: 60/033,196
FRIOR APPLICATION NUMBER: 60/033,196
FRIOR APPLICATION NUMBER: 50/033,196
FRIOR APPLICATION NUMBER: 20/033,196
FRIOR APPLICATION NUMBER: 20/033,196
FRIOR FILING DATE: 1996-12-18
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FRASESO for Windows Version 3.0
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Pred. No. 2.4e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: antisense sequence PCT-US99-23171-85
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       770 CACTTCTGAGGCAG 784
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  827 GTGTCTTTTTCTTC 841
746 AGGGICCCAGGGICC 760
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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                                             1 AGGGCCCAGGGTCC 15
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Best Local Similarity
Matches 14; Conserva
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US-09-295-487B-8/c
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US-09-295-487A-8/c
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LENGTH: 18
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FEATURE:

à g SEQ ID NO 8

FEATURE:

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APPLICANT: Rosettagemonics
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
TITLE OF INVENTION: USES THEREOF
FITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PALENTIN VERSION 3.1
SEQ ID NO 85078
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: 1..18 -
OTHER INFORMATION: downstream amplification primer 99-1520 for SEQ 538, in complement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                sequence 8403, Application US/10349143
sequence 8403, Application Using a Maria
APPLICANT: ChameArcial Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REPERENCE: GENSET.020CP1
CURRENT FILING DATE: 2003-01-21
CURRENT APPLICATION NUMBER: US/09/422,978
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US 60/109,732
PRIOR PILING DATE: BARLIER FILING DATE: 1998-04-21
PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR SPLING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR SEQ ID NOS: 11796
SEQ ID NOS: 11796
SEQ ID NOS: 11796
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Pred. No. 2.4e+02;
0; Mismatches 1; Indels
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Pred. No. 2.4e+02;
0; Mismatches 1;
                                                                                      US-10-310-188-85078/c; Sequence 85078, Application US/10310188; GENERAL INFORMATION:
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US-60-216-745-9481
Sequence 9481, Application US/60216745
GENERAL INFORMATION:
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1 Similarity 93.3%;
14; Conservative
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Best Local Similarity 93.33
Matches 14; Conservative
        17 CTTTTGTTTTGTTTT
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; ORGANISM: Homo sapiens
US-10-310-188-85078
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Best Local Similarity
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Matches
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GENERAL INFORMATION:
APPLICANT: RosettaGenomics LTD
TITLE OF INVENTION: THEREOE HIDD
TITLE OF INVENTION: THEREOE US/10/293,338

CURRENT APPLICATION NUMBER: US/10/293,338

CURRENT FILING DATE: 2022

CURRENT FILING DATE: 2022

SOFTWARE: PARENTE NOS: 9785

SOFTWARE: Patentin version 3.1

SEQ ID NO 954

LENGTH: 18
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3.4%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1;
CURRENT APPLICATION NUMBER: US/10/067,125
CURRENT FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 09/167,109
PRIOR FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 85
LENGTH: 18
                                                                                                                                                                                                               ; OTHER INFORMATION: antisense sequence US-10-067-125-85
                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                 770 CACTICIGAGGGCAG 784
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Matches 14, Conservative
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APPLICANT: RosettaGemonics
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SEQ ID NO 26928
TEMMENT 10 26928
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TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
FILE REFERENCE: 47416
CURRENT APPLICATION NUMBER: US/10/303,778
CURRENT FILIAG DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 17608
SOFTWARE: Patentin version 3.1
LENGTH: 19
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3.4%; Score 13.4; DB 1;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 1; Mismatches 1;
                                                                                                                               CURRENT APPLICATION NUMBER: PCT/US03/16651
CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 599
SOFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 321
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Small interfering RNA PCT-US03-16651-321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-303-778-14621/c
; Sequence 14621, Application US/10303778
; GENERAL INFORMATION:
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Best Local Similarity 93.3<sup>3</sup>
Matches 14; Conservative
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Best Local Similarity 93.33
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Homo sapiens US-10-303-778-14621
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; ORGANISM: Homo sapiens
US-10-310-188-26928
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                                                                                                                                                                                                                                                                            TYPE: RNA
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: ADderrahim, Hadi
APPLICANT: Dufaure-Gare, Isabelle
TITLE OF INVENTION: BIALIELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
FILE REFERENCE: 84.USI.PRO
CURRENT APPLICANTION NUMBER: US/60/216,745
CURRENT FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 13665
SOFTWARE: Patent.pm
SEQ ID NO 9481
LENGTH: 18
TYPP- ...
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LOCATION: 1..18

. OTHER TINFORMATION: downstream amplification primer 99-40519 for SEQ 419, in compleme

US-60-216-745-9481
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GENERAL INFORMATION:
APPLICANT: CPUTY, Inc.
APPLICANT: CPUTY, Inc.
APPLICANT: CPUTY, Inc.
APPLICANT: Milaon, Linda K.
TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
TITLE OF INVENTION: BY RNA INTERFERENCE
FILE REFERENCE: 200125.441PC
CURRENT FILICATION NUMBER: PCT/US03/16651
CURRENT FILICATION NUMBER: PCT/US03/16651
CURRENT FILICATION NUMBER: PCT/US03/16651
SOFTWARE: FSECSOF FOR WINDOWS VERSION 4.0
SEQ ID NO 320
IENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3.4%; Score 13.4; DB 1; Length 18; 93.3%; Pred. No. 2.4e+02; iive 0; Mismatches 1; Indels
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Sequence 321, Application PC/TUS0316651

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cept.y, inc.
APPLICANT: Lewis, Stephen Patrick
APPLICANT: Klinghoffer, Richard
APPLICANT: Wilson, Linda K.
TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
TITLE OF INVENTION: BY RNA INTERFERENCE
FILE REFERENCE: 200125.441PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Small interfering RNA PCT-US03-16651-320
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: RNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo Sapiens
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Best Local Similarity
Matches 14; Conserv
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GENERAL INFORMATION:
APPLICANT: Lewis, Stephen Patrick
APPLICANT: Lewis, Stephen Patrick
APPLICANT: Milson, Linda K.
TITLE OF INVENTION: MODULATION OF PTPLB SIGNAL TRANSDUCTION
TITLE OF INVENTION: MODULATION OF PTPLB SIGNAL TRANSDUCTION
TITLE OF INVENTION: WAY NA INTERFERENCE
FILE REFERENCE: 20125.441
CURRENT APPLICATION NUMBER: US/10/444,925
CURRENT APPLICATION NUMBER: US/10/444,925
NUMBER OF SEQ ID NOS: 599

SOFTWARE: PASLEEQ for Windows Version 4.0
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Score 13.4; DB 1; Length 19;
Pred. No. 2.5e+02;
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                                                                                                                                                                                                                                                        US-10-313-211-12/c

| Sequence 12, Application US/10313211
| GENERAL INFORMATION: TARGETED GENETIC RISK-STRATIFICATION
| TITLE OF INVENTION: USING MICROARRAYS
| TITLE OF INVENTION: USING MICROARRAYS
| FILE REFERENCE: 0791-158001
| CURRENT APPLICATION NUMBER: US/10/313,211
| CURRENT APPLICATION NUMBER: US 60/338,442
| PRIOR FILING DATE: 2001-12-06
| PRIOR FILING DATE: 2001-12-07
| PRIOR FILING DATE: 2001-12-07
| RICK APPLICATION NUMBER: US 60/423,793
| PRIOR FILING DATE: 2002-11-05
| NUMBER OF SEQ ID NOS: 159
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 12
| LENGTH: 19
                                                          Indels
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          Query Match 3.4%; Score 13.4; D
Best Local Similarity 93.3%; Pred. No. 2.5e
Matches 14; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     506 ACAACCCACAGTACC 520
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          529 CCCAACATCCTCTGC 543
                                                                                                              706 AGCGAGICCCAGGAG 720
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Best Local Similarity
Matches 13; Conserv
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LENGIH: 19
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TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
SOFTWARE: PARENTING DATE: 2002-12-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Rosettademonics
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
GENERAL REFERENCE: 47487
CURRENT APPLICATION UMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
                                                                                                                                         APPLICANT: ROSELEGGEMONICS
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: Patentin version 3.1
SEQ ID NO 58772
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 3.4%; Score 13.4; DB 1; Length 19; Best Local Similarity 93.3%; Pred. No. 2.5e+02; Matches 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-310-188-60432
; Sequence 60432, Application US/10310188
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 61099, Application US/10310188; GENERAL INFORMATION:
                                                            US-10-310-188-58772; Sequence 58772, Application US/10310188; GENERAL INFORMATION:
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SEQ ID NO 61099
LENGTH: 19
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CORGANISM: Homo sapiens
US-10-310-188-61099
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-60432
                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Homo sapiens
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Matches
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RESULT 436

US-10-444-925-321

Sequence 31, Application US/10444925

SERERAL INFORMATION:

APPLICANT: Lewis, Stephen Patrick
APPLICANT: Klindan K.

APPLICANT: Klindan K.

APPLICANT: Klindan K.

TITLE OF INVENTION: MODULATION OF PTPIB SIGNAL TRANSDUCTION
TITLE OF INVENTION: MODULATION OF PTPIB SIGNAL TRANSDUCTION
TITLE OF INVENTION: MODULE 4.41

CURRENT FILMS DATE: 2003-05-23

CURRENT FILMS DATE: 2003-05-23

NUMBER OF SEQ ID NOS: 599

SOFTWARE: FastSEQ for Windows Version 4.0

SOFTWARE: FastSEQ for Windows Version 4.0

SOFTWARE: RNA

CORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Small interfering RNA
US-10-444-925-321

Query Match
Best Local Similarity 86.7%; Pred. No. 2.56+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps

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DD 4 ACAACCCALGAGNAC 18
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Search completed: March 8, 2004, 14:16:42 Job time : 4 secs